

10/549318

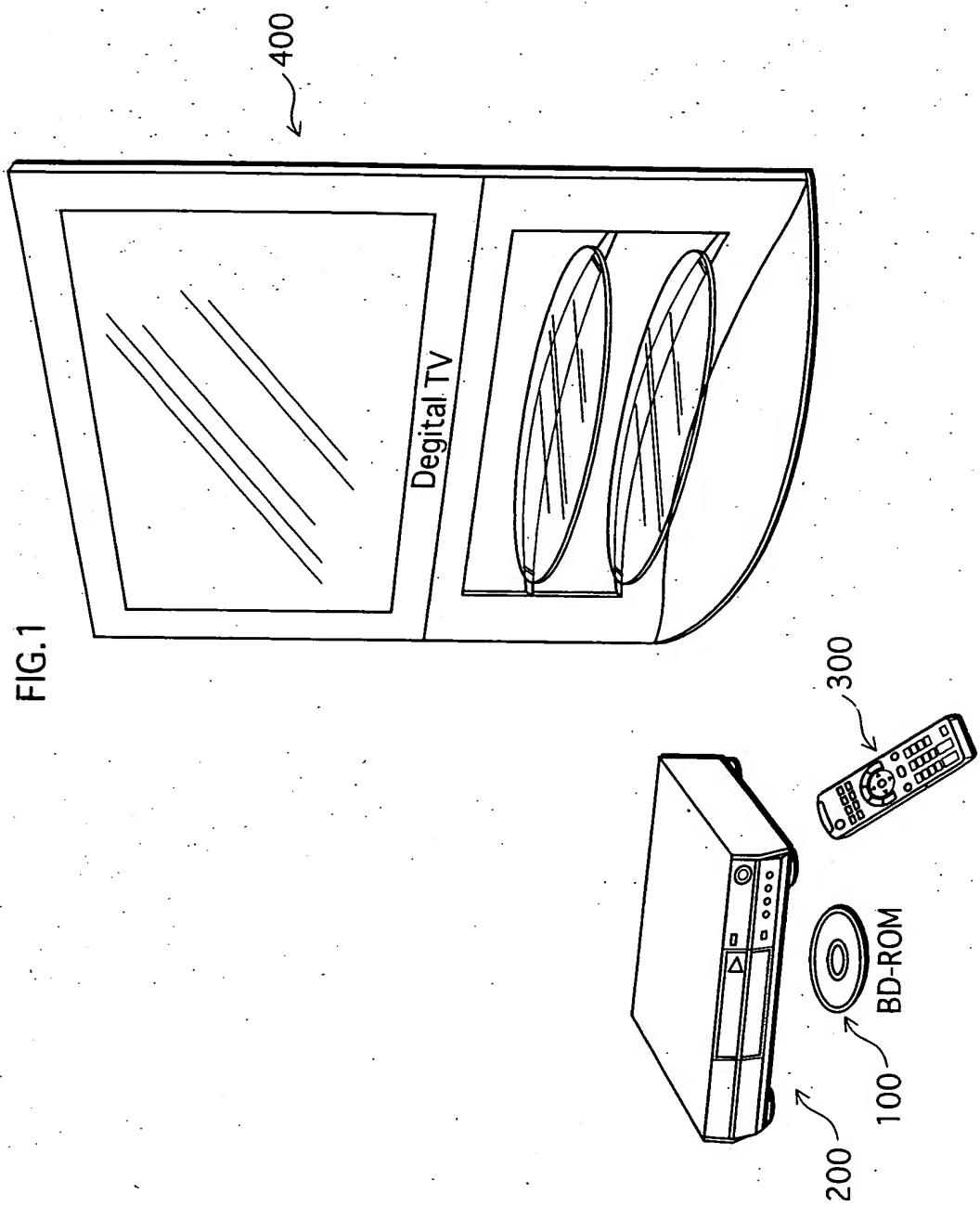


FIG.2

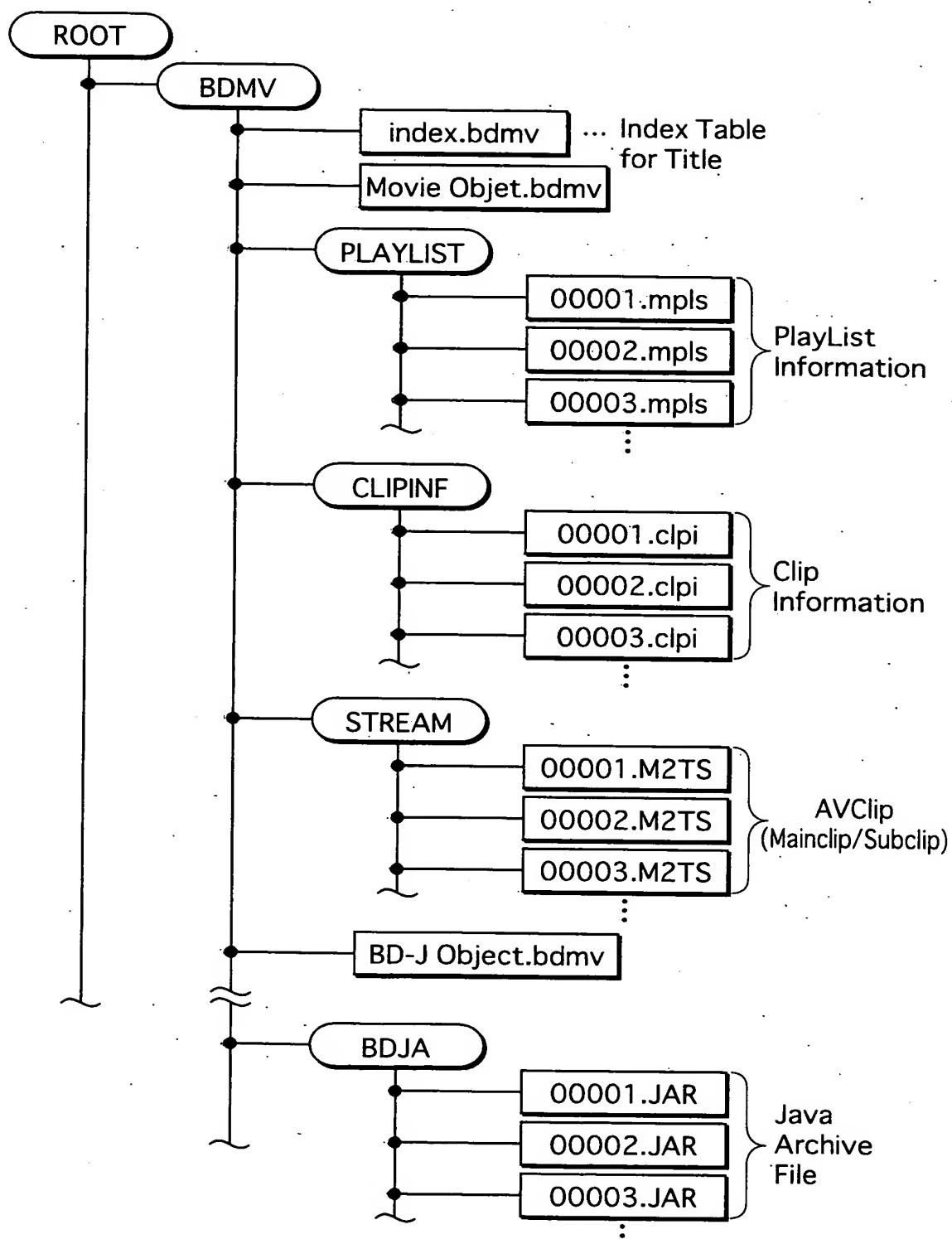
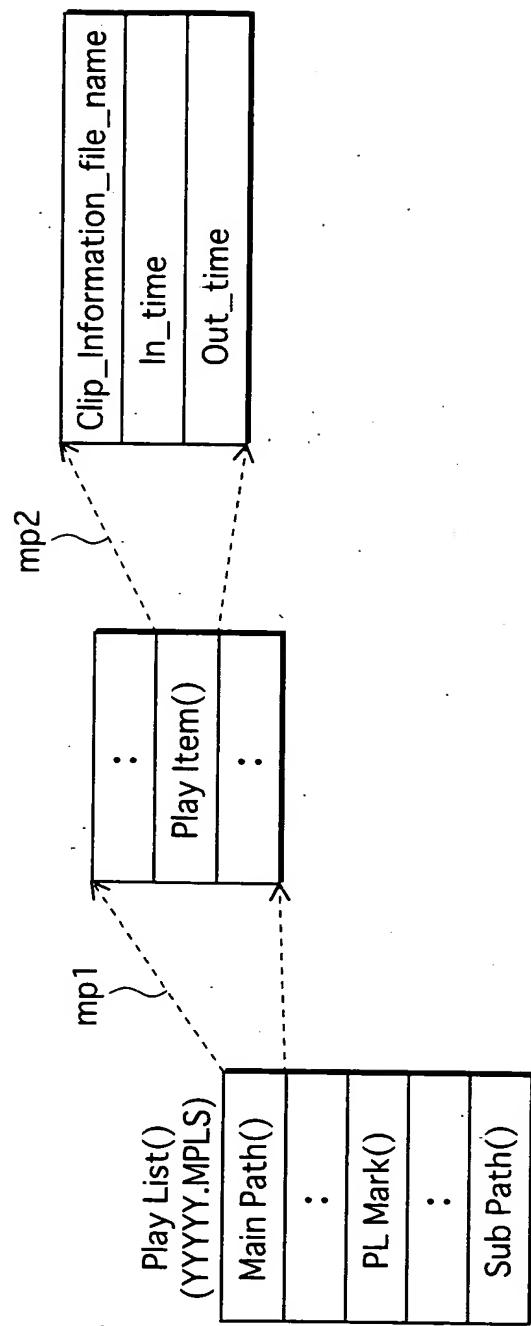
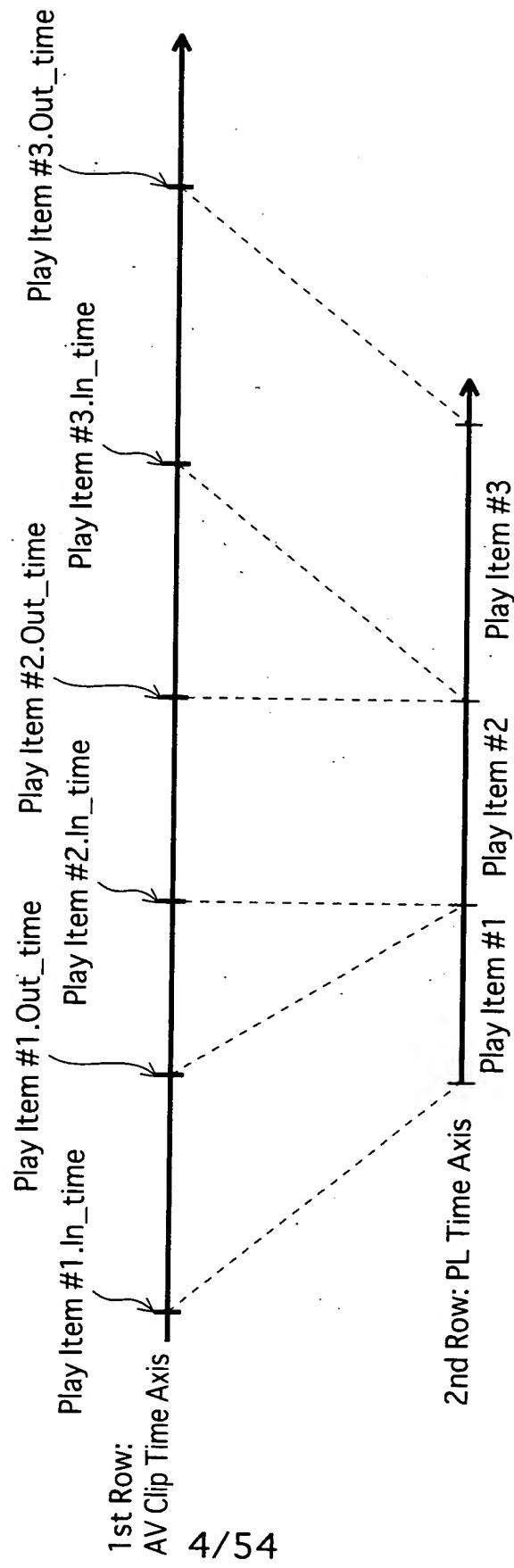


FIG.3



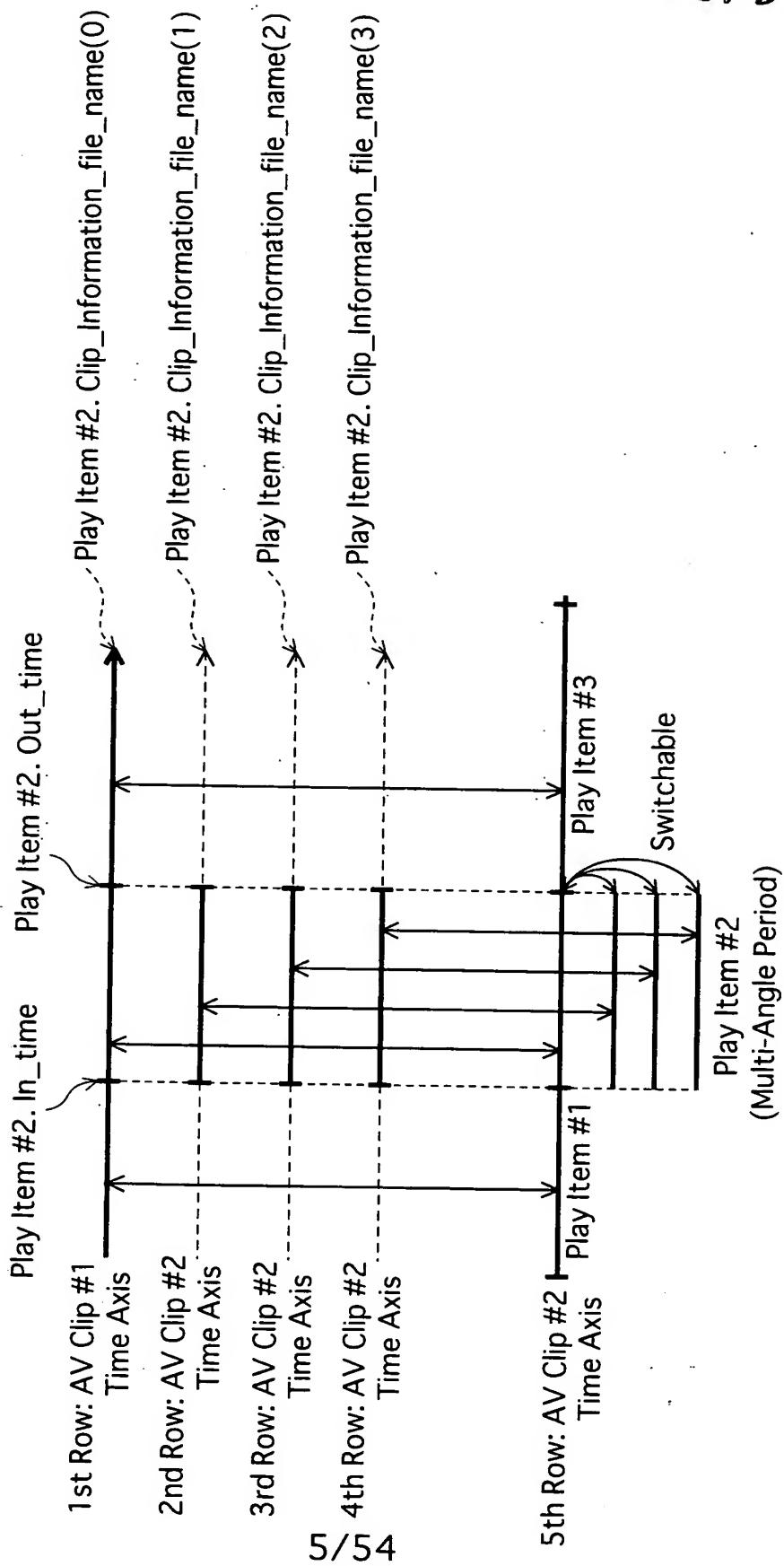
10/549318

FIG.4



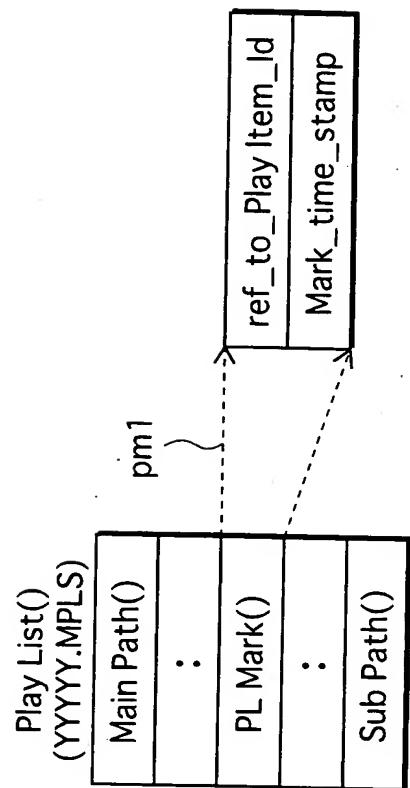
10/549318

FIG.5



10/549318

FIG.6



10/549318

FIG.7

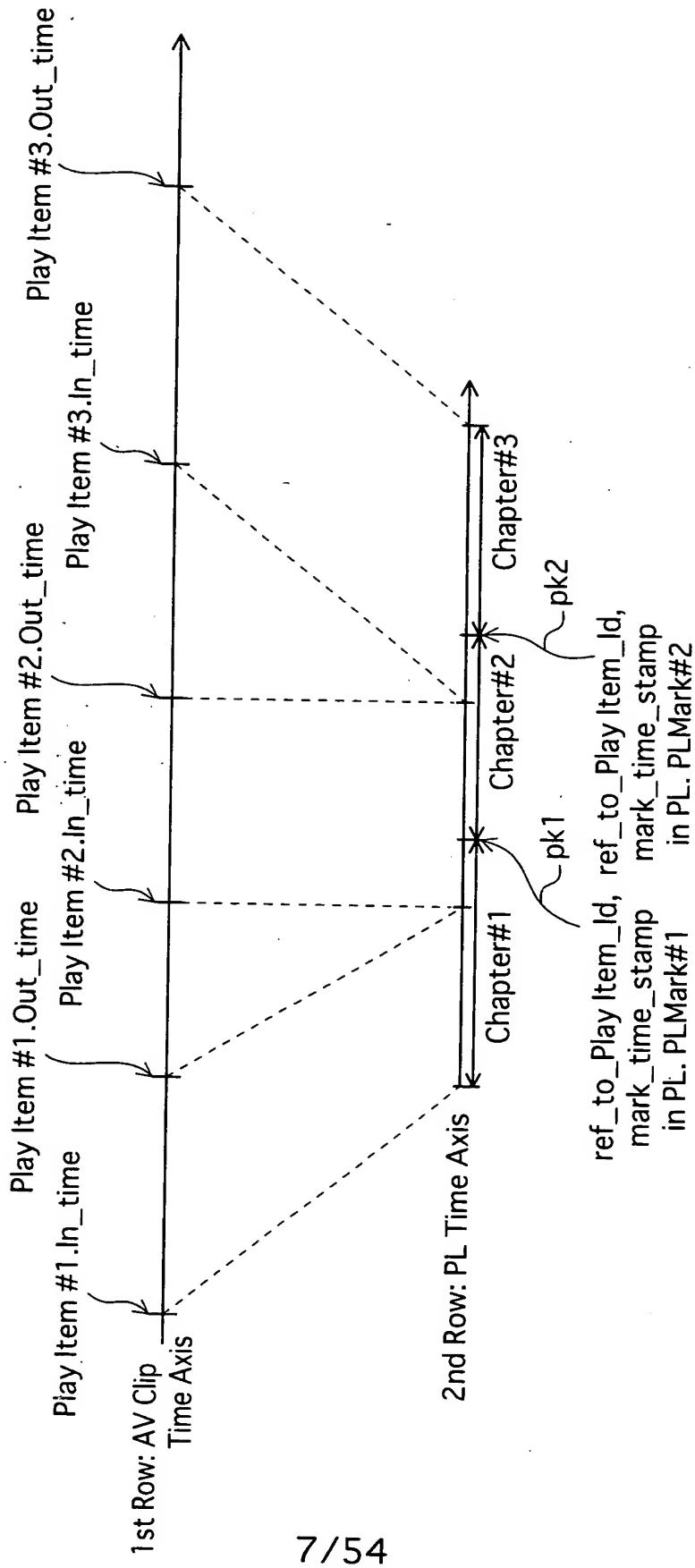


FIG.8

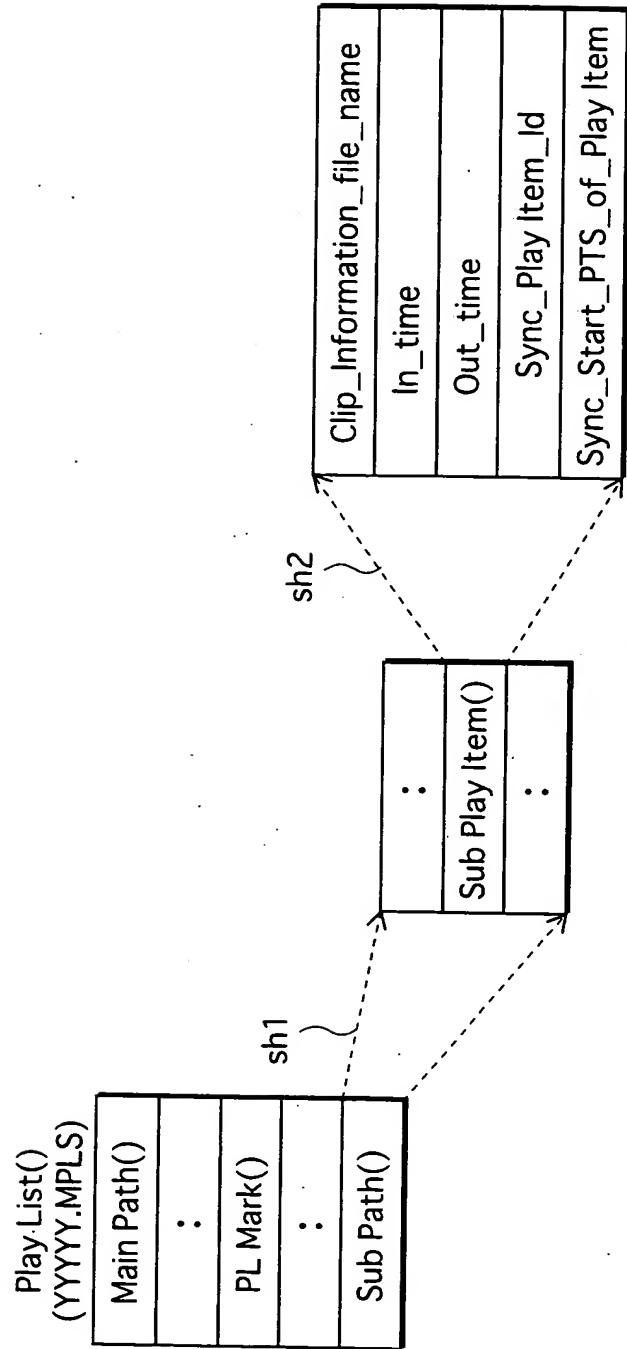


FIG.9

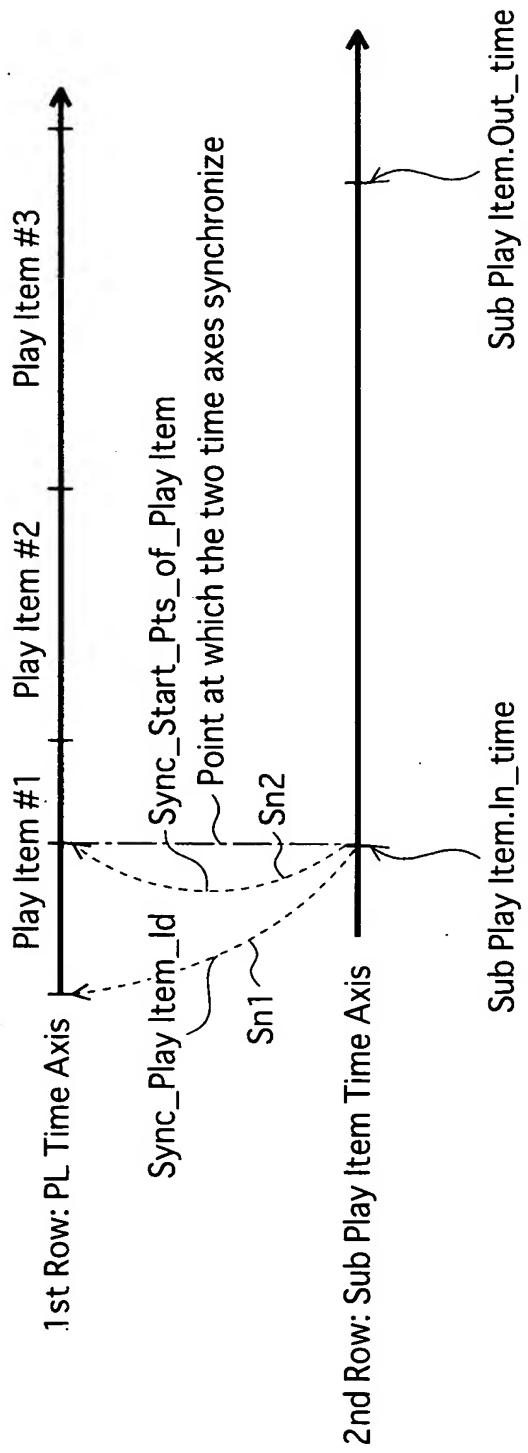


FIG.10

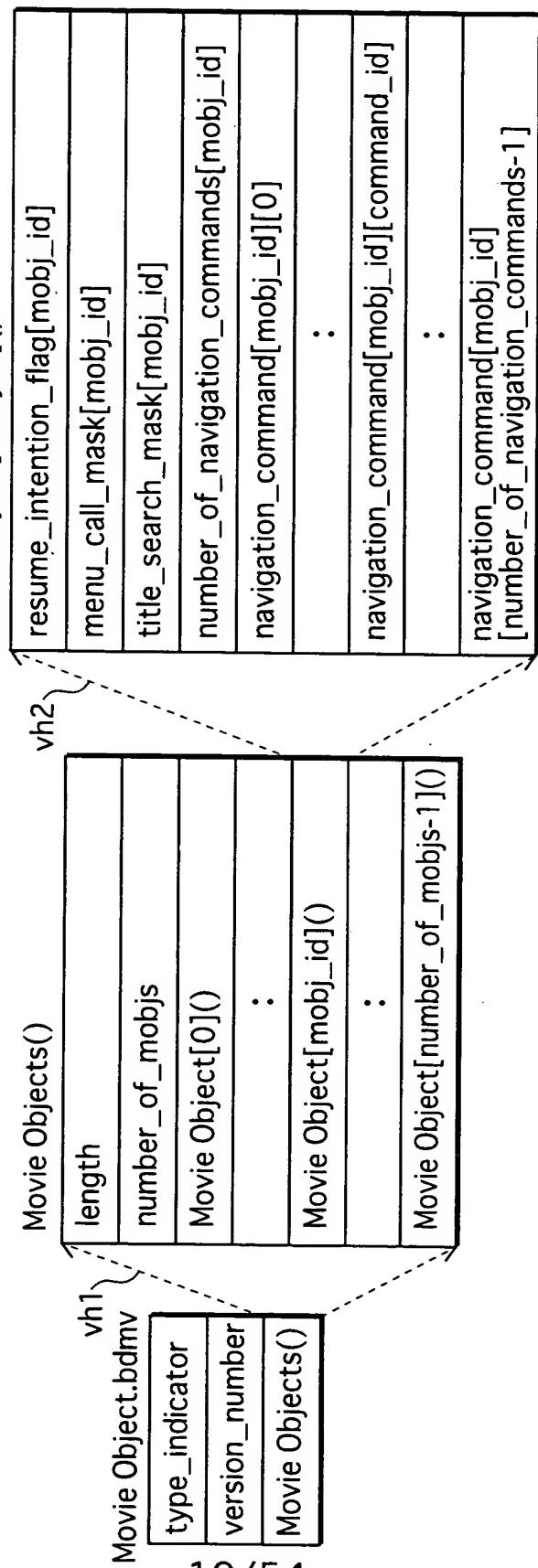


FIG. 11

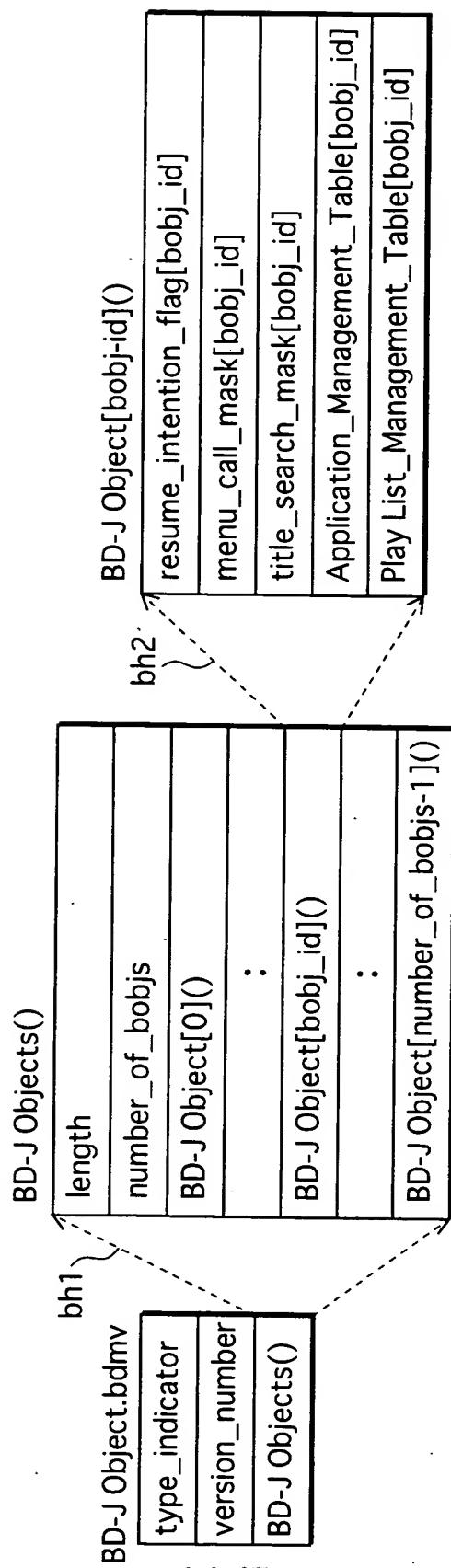


FIG.12A

JAR File (ZZZZZ.JAR)

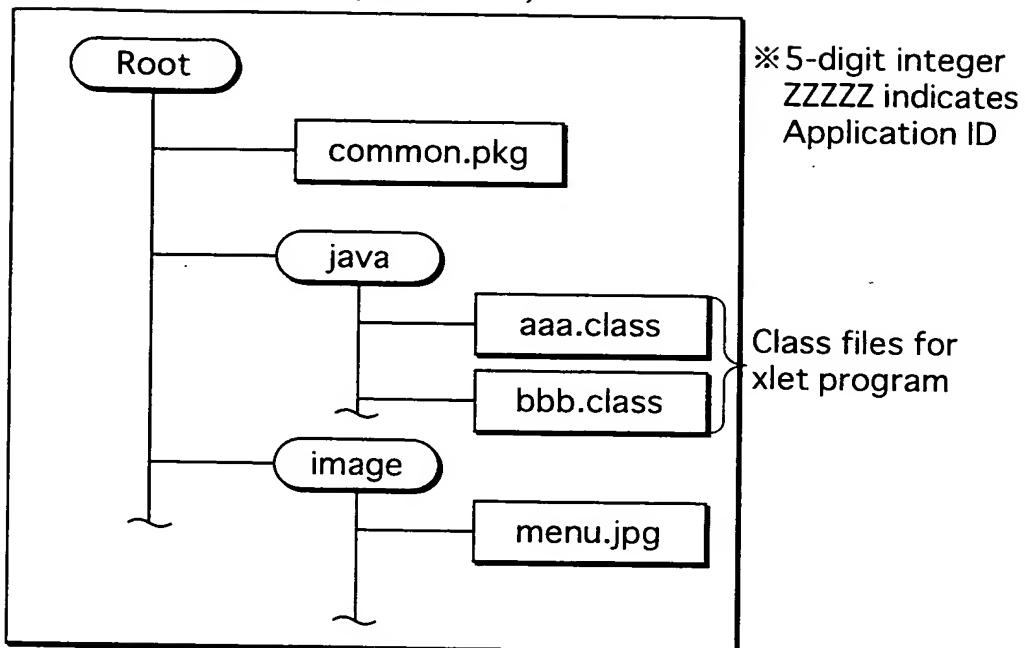


FIG.12B

Class File for xlet Program

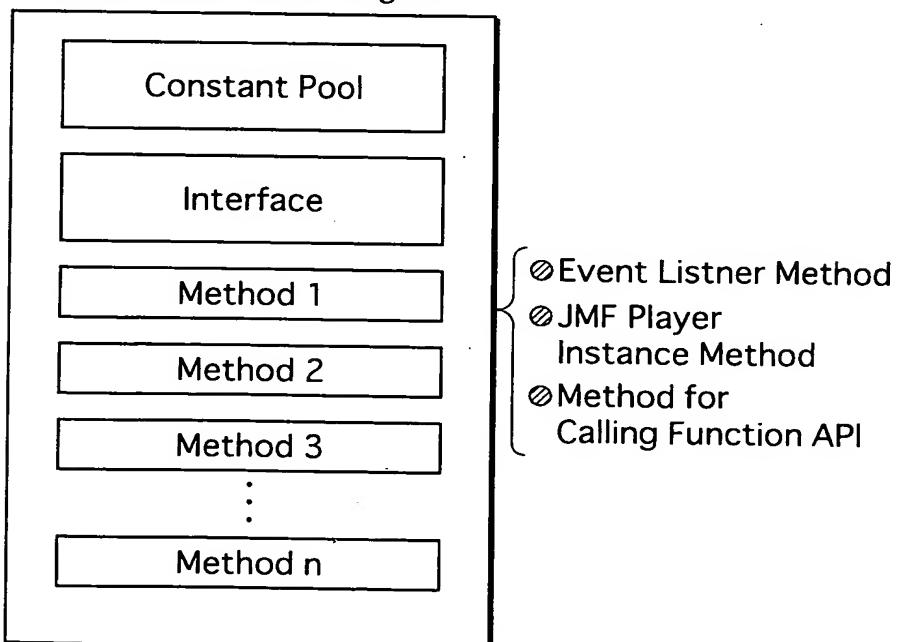


FIG. 13

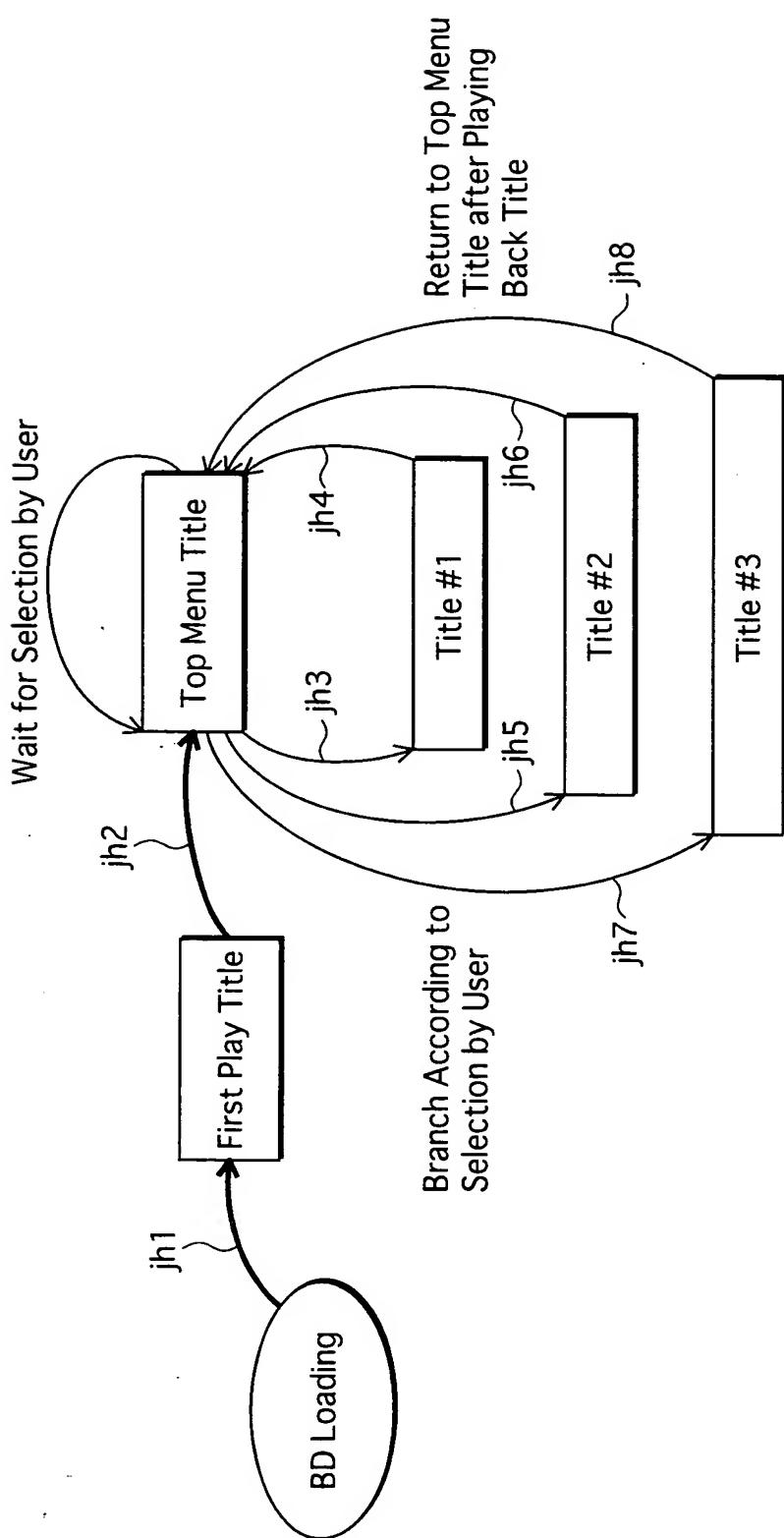


FIG. 14

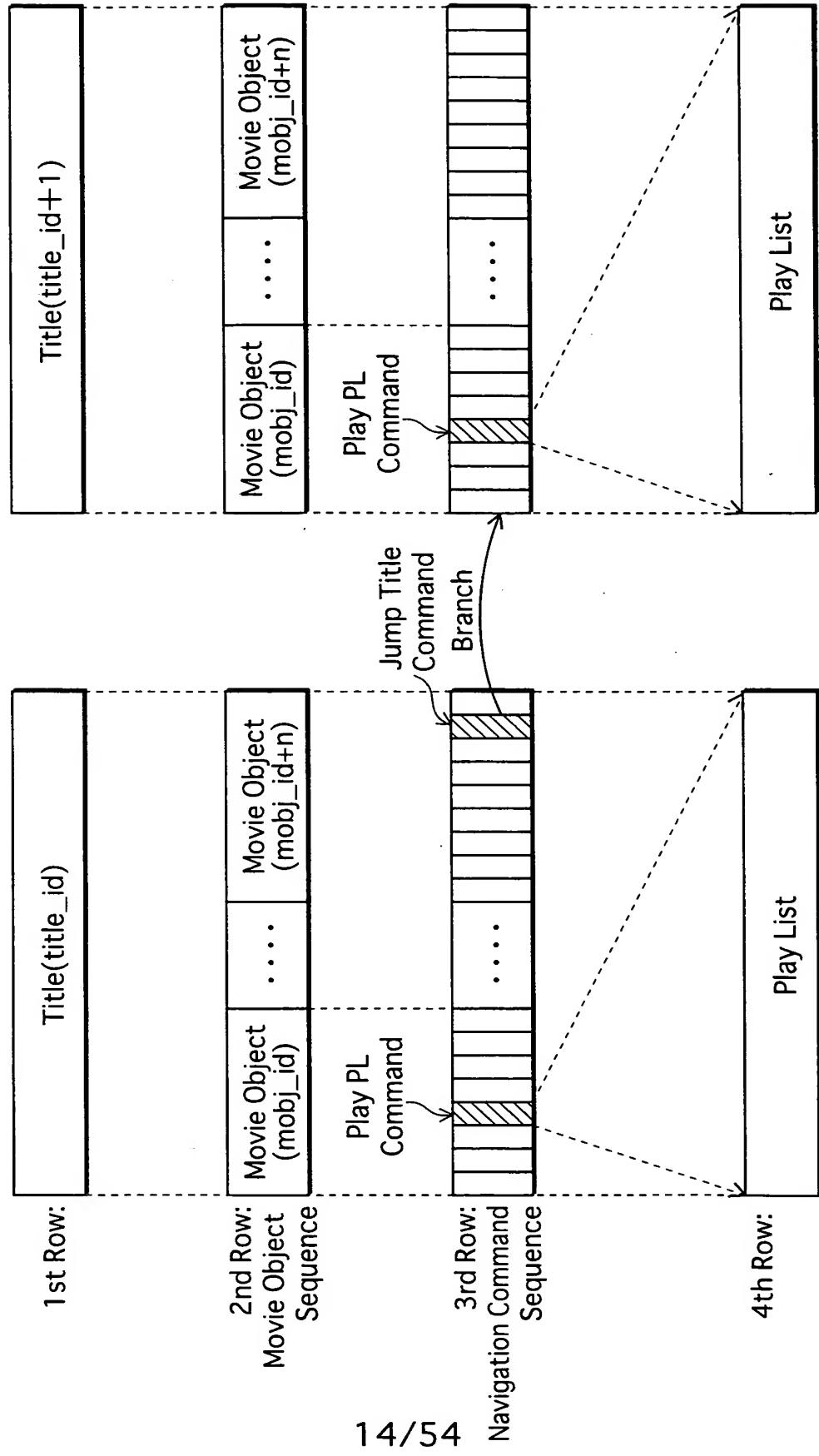


FIG. 15

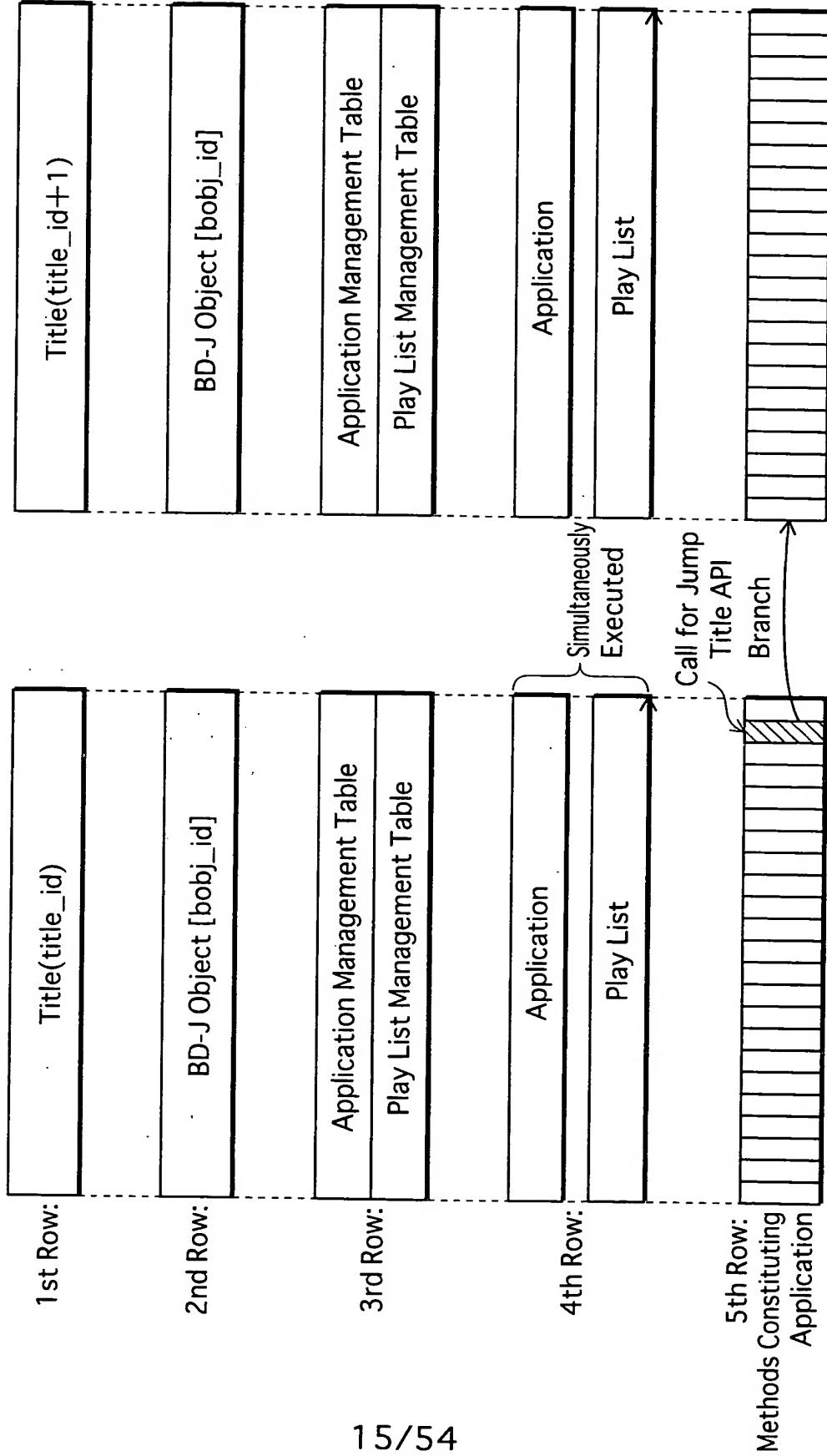


FIG. 16

Title with No PLMT (Title with Only Control Procedure)

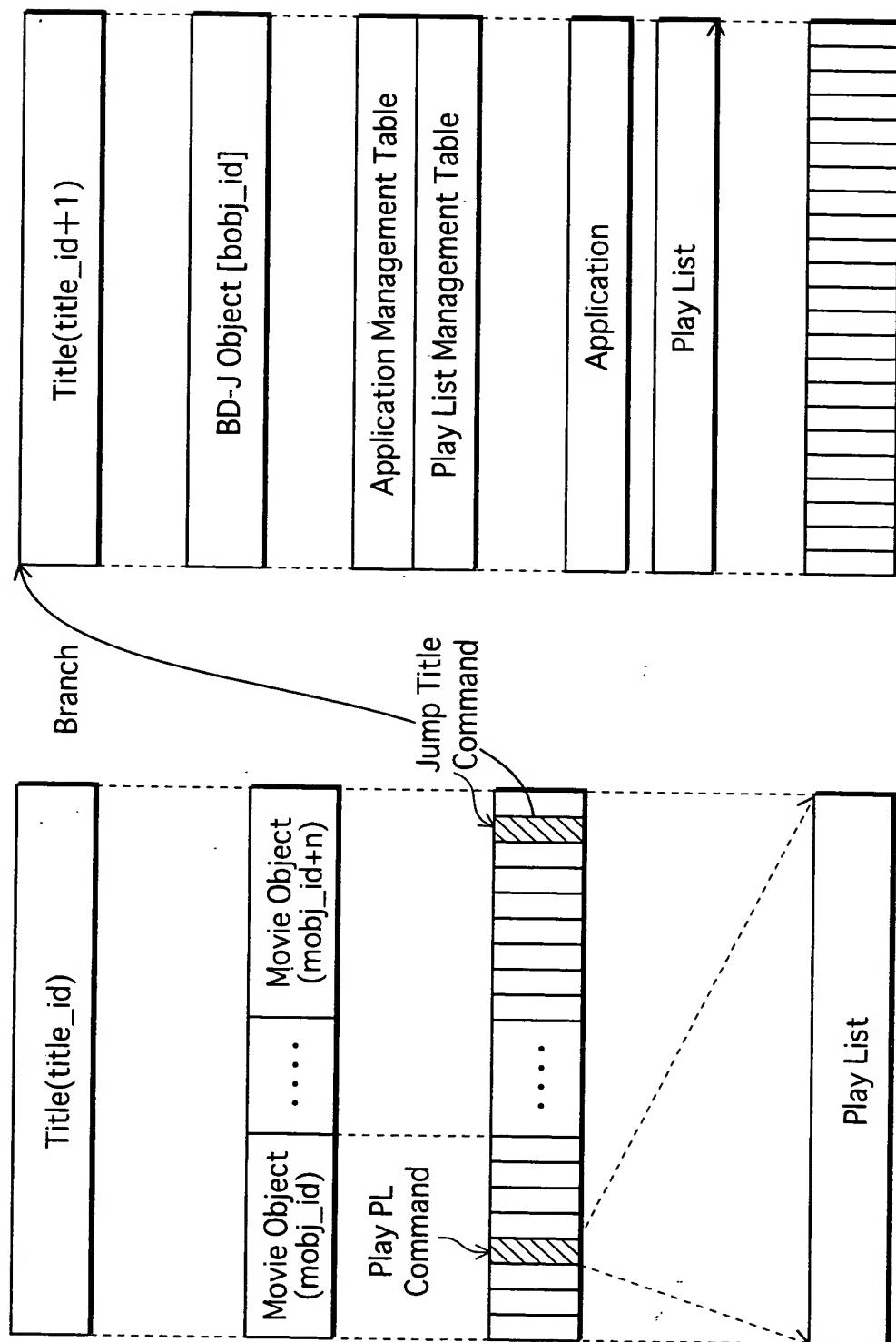
1st Row:

2nd Row:

3rd Row:

4th Row:

FIG. 17



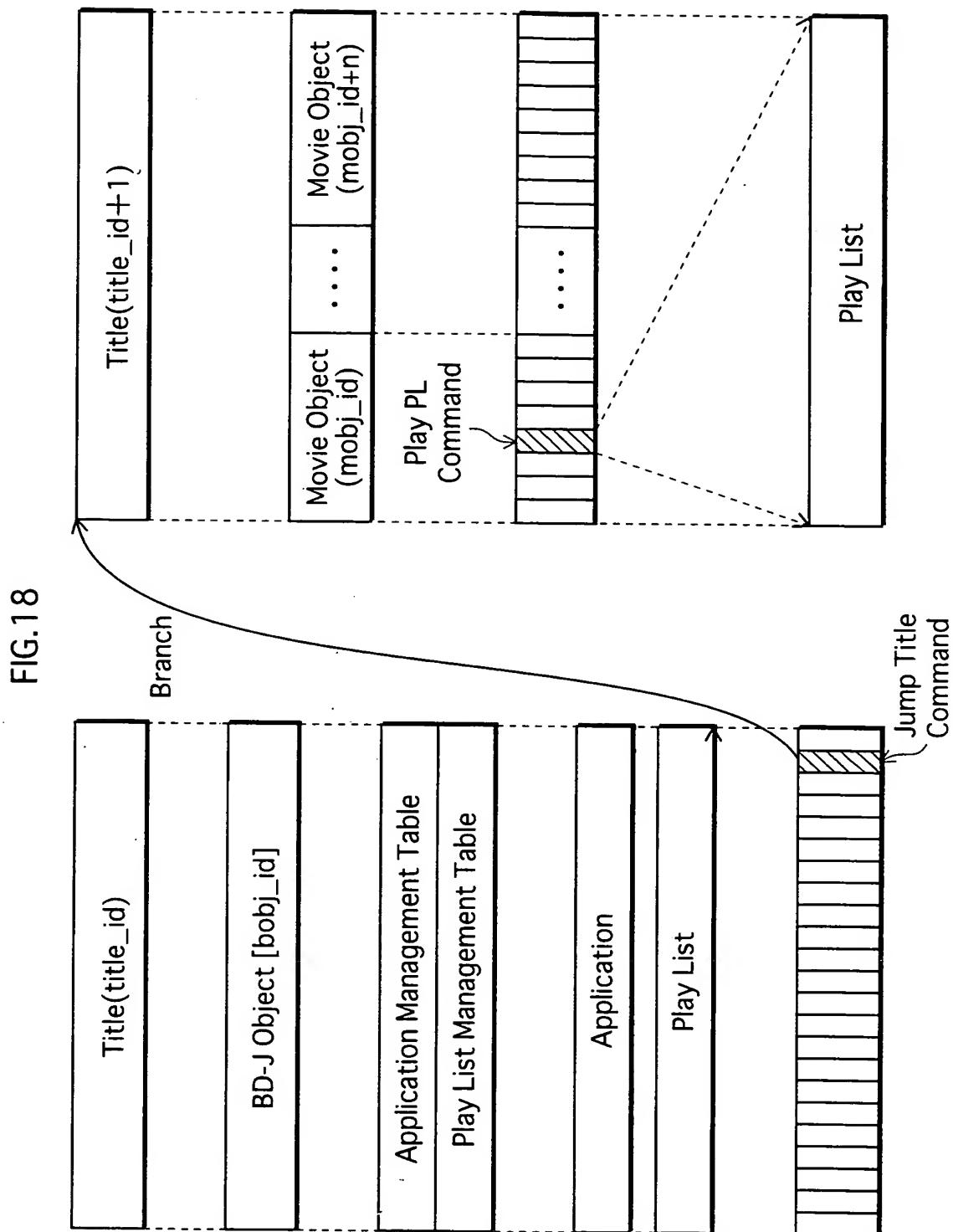


FIG. 19

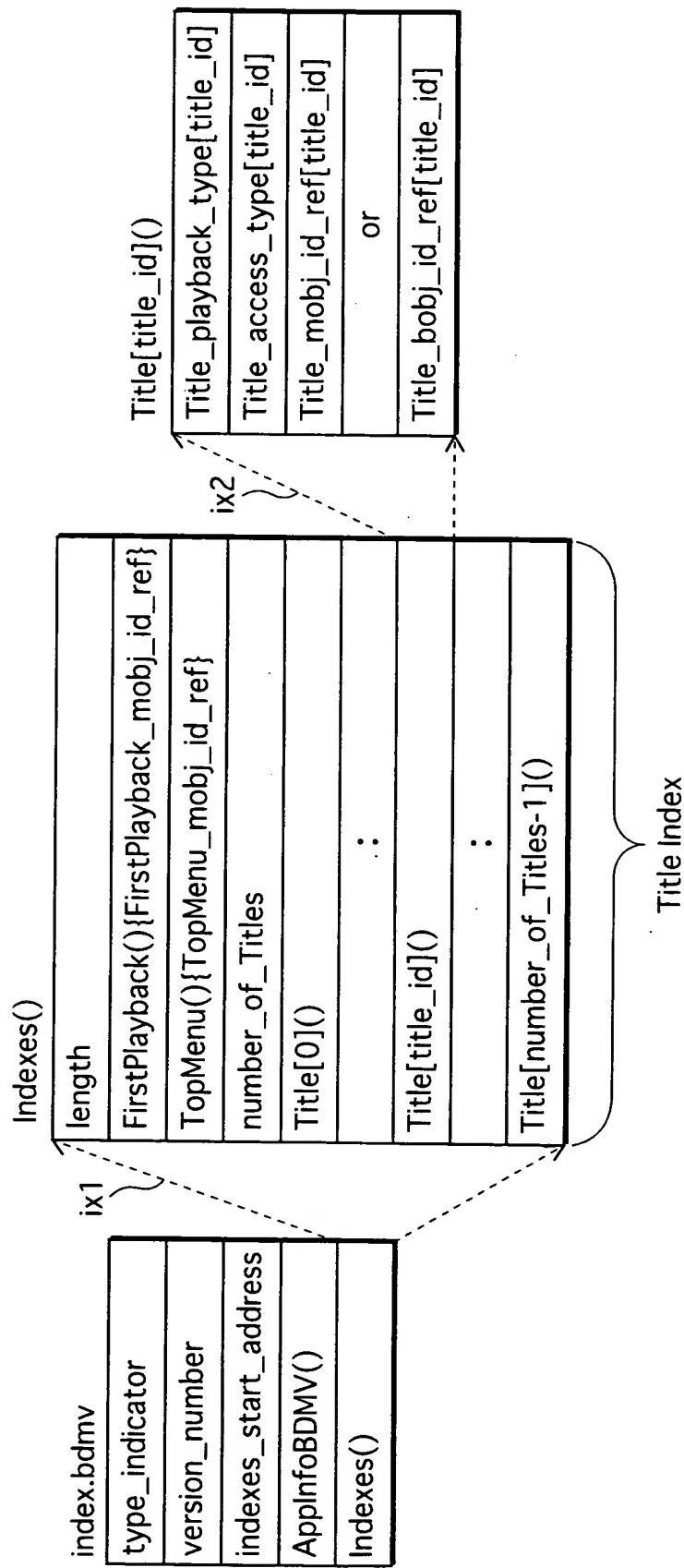


FIG.20A Application Management Table (AMT)

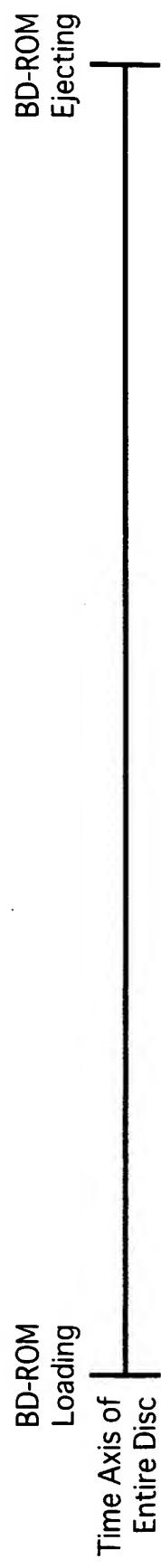
life_cycle
apli_id_ref
run_attribute
run_priority

FIG.20B Application Management Table(AMT)

life_cycle	apli_id_ref	run_attribute	run_priority
Application "Life Cycle" Represented by Title, PL, Chapter	Reference Value for "Application ID" Being 5-Digit Integer ZZZZZ Assigned to JAR File Name	"Run Attribute" That Is Auto Run, Present (No Specification), or Suspend	"Run Priority" That Takes Value Ranging from 0 to 255

10/549318

FIG.21A



21/54

FIG.21B

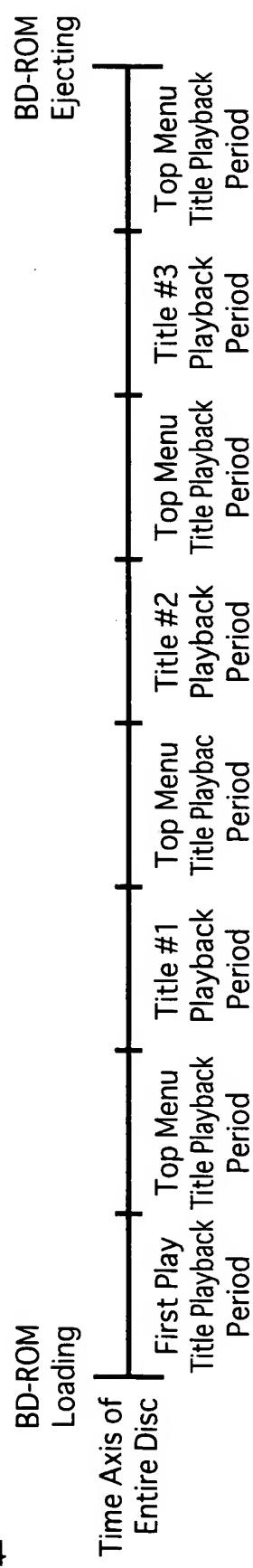


FIG.22A

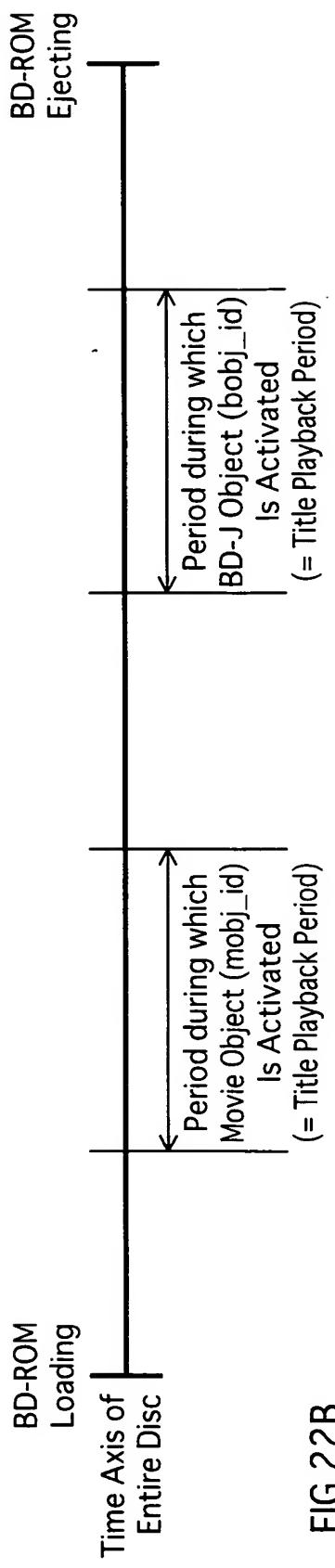
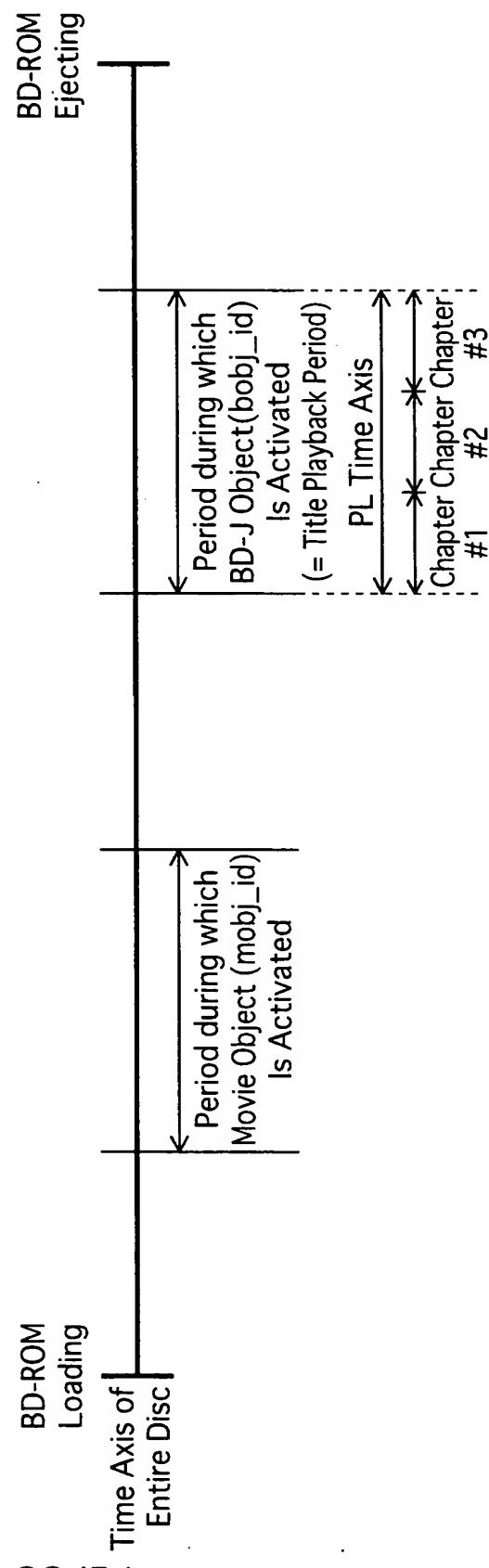
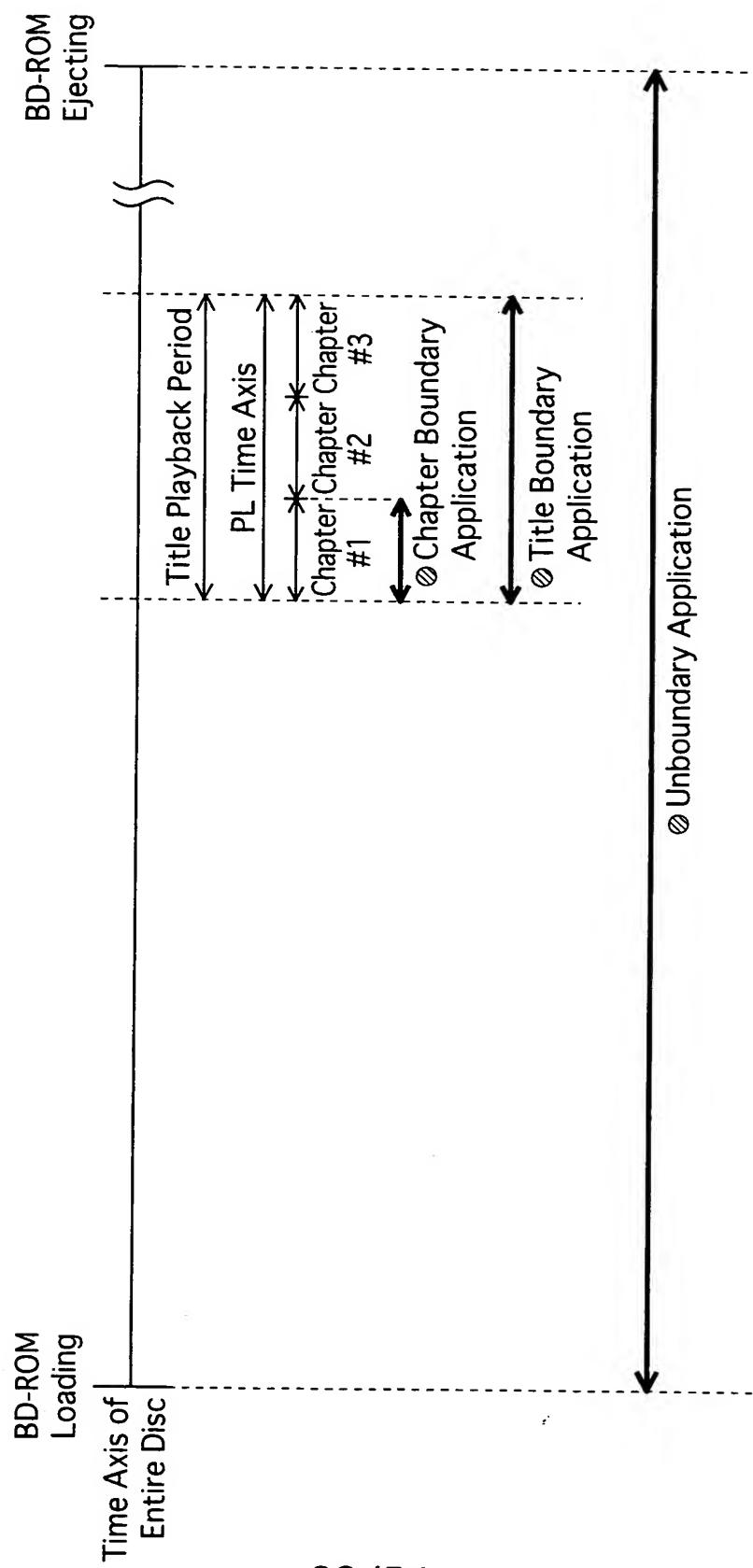


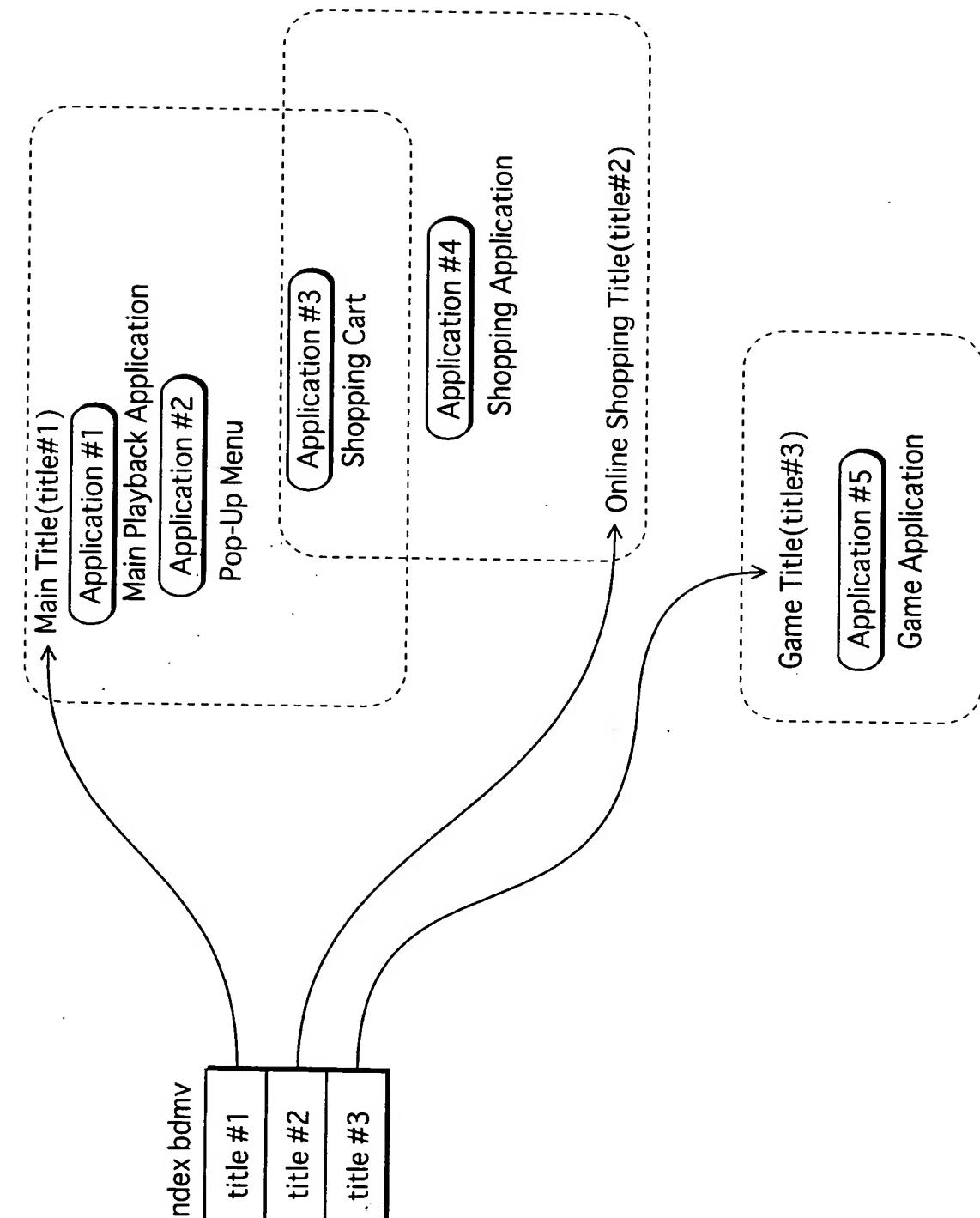
FIG.22B

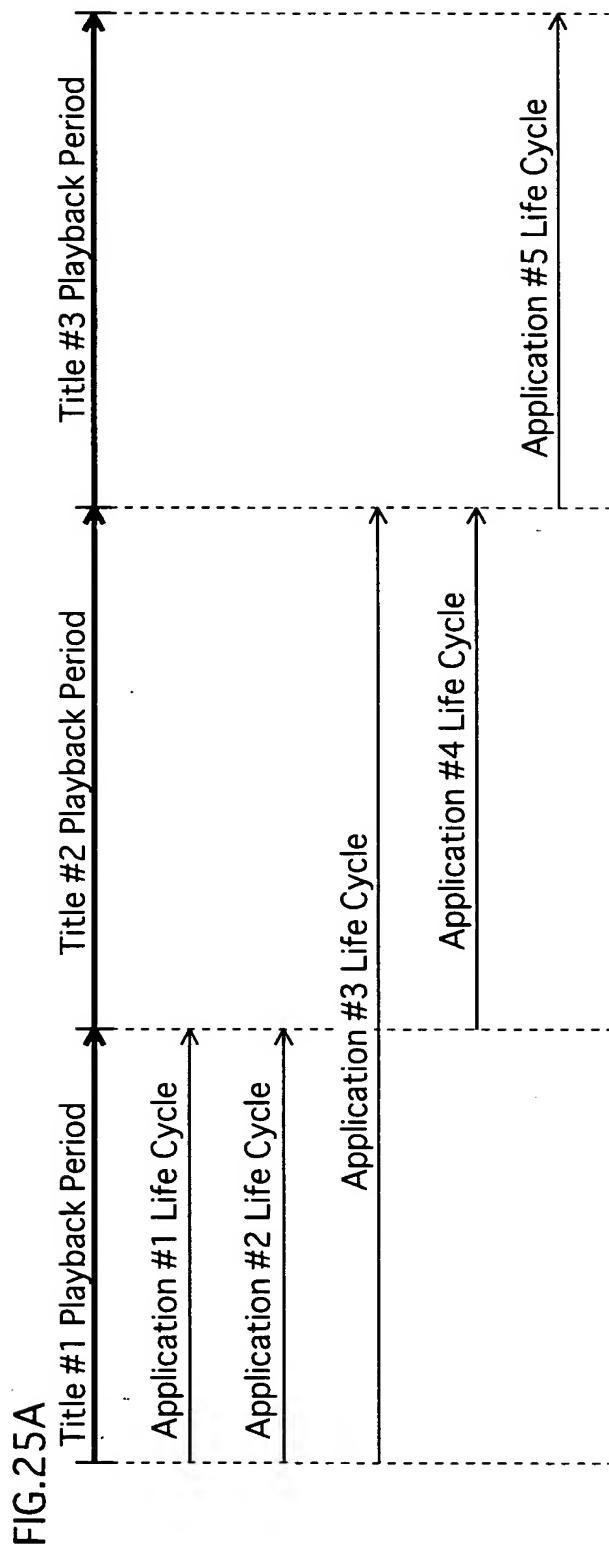


*If It Contains BD-J Object or PL Playback Procedure,
the PL Time Axis Belongs to Title Playback Period

FIG.23







Application Management Table for Title #1

Life Cycle	Reference Value for Application ID	Run Attribute	Run Priority
title #1	application #1		
title #1	application #2		
title #1	application #3		

Application Management Table for Title #2

Life Cycle	Reference Value for Application ID	Run Attribute	Run Priority
title #2	application #3		
title #2	application #4		

Application Management Table for Title #3

Life Cycle	Reference Value for Application ID	Run Attribute	Run Priority
title #3	application #5		

FIG.26

Application Status Change According to Run Attribute

		Run Attribute		
		Present	AutoRun	Suspend
Application Status in Previous Title	Not Run	Maintain Status with No Operation	Start Application	Maintain Status with No Operation
	Running	Maintain Status with No Operation	Maintain Status with No Operation	Suspend
	Suspend	Resume	Resume	Maintain Status with No Operation

FIG.27A Play List Management Table (PLMT)

PL_id_ref
Playback_Attribute

FIG.27B Play List Management Table (PLMT)

PL_id_ref	Playback_Attribute
"Play List ID" Being 5-Digit Value in MPLS File Name	"Playback Attribute" That Is Auto Play or Present (No Specification)

FIG.28

	Branch Destination Title Has No PLMT	Branch Destination Title Has PLMT
Branch Source Title Being Played Back	Stop Playback	Maintain Status
Branch Source Title Not Being Played Back	Maintain Status	Maintain Status

10/549318

FIG.29A

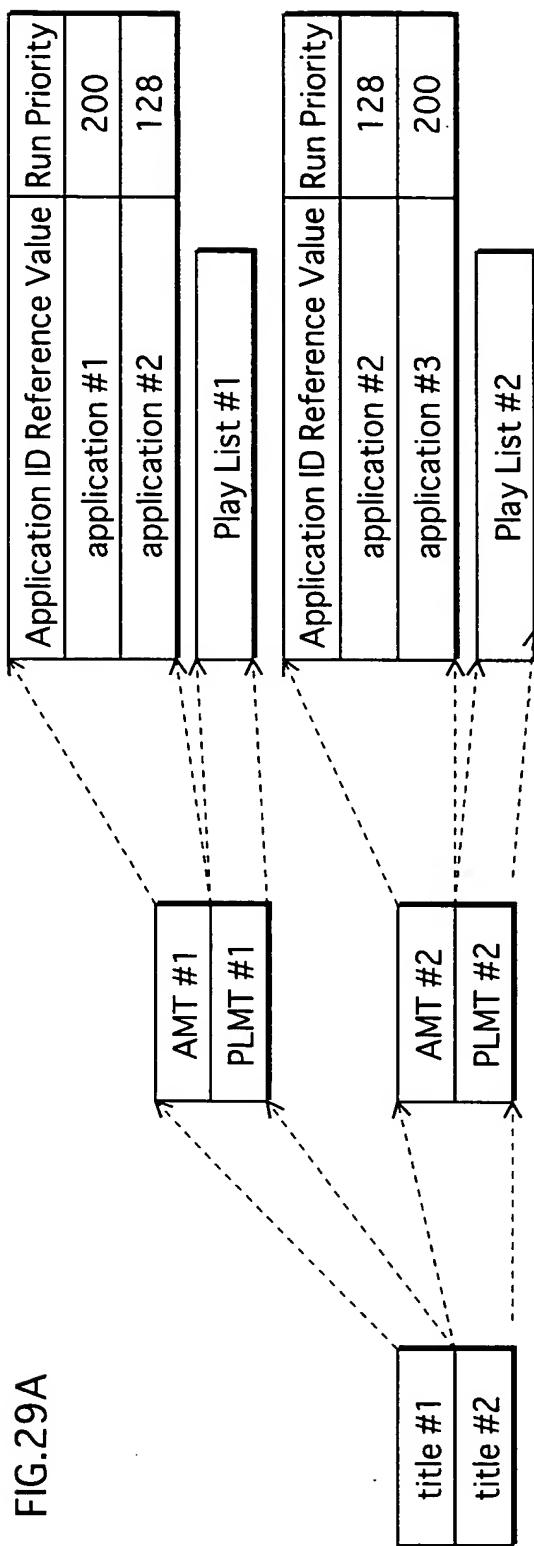
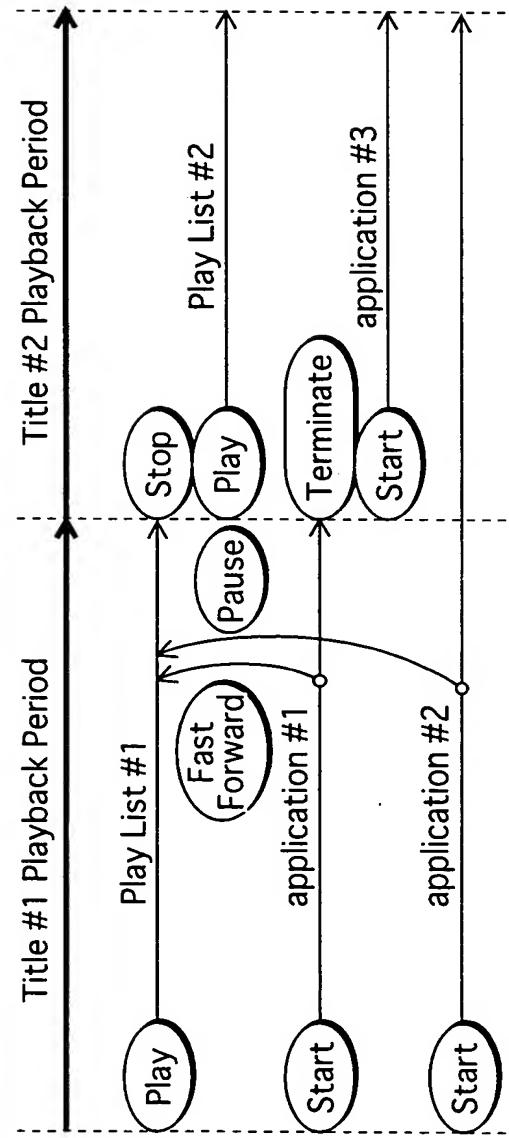


FIG.29B



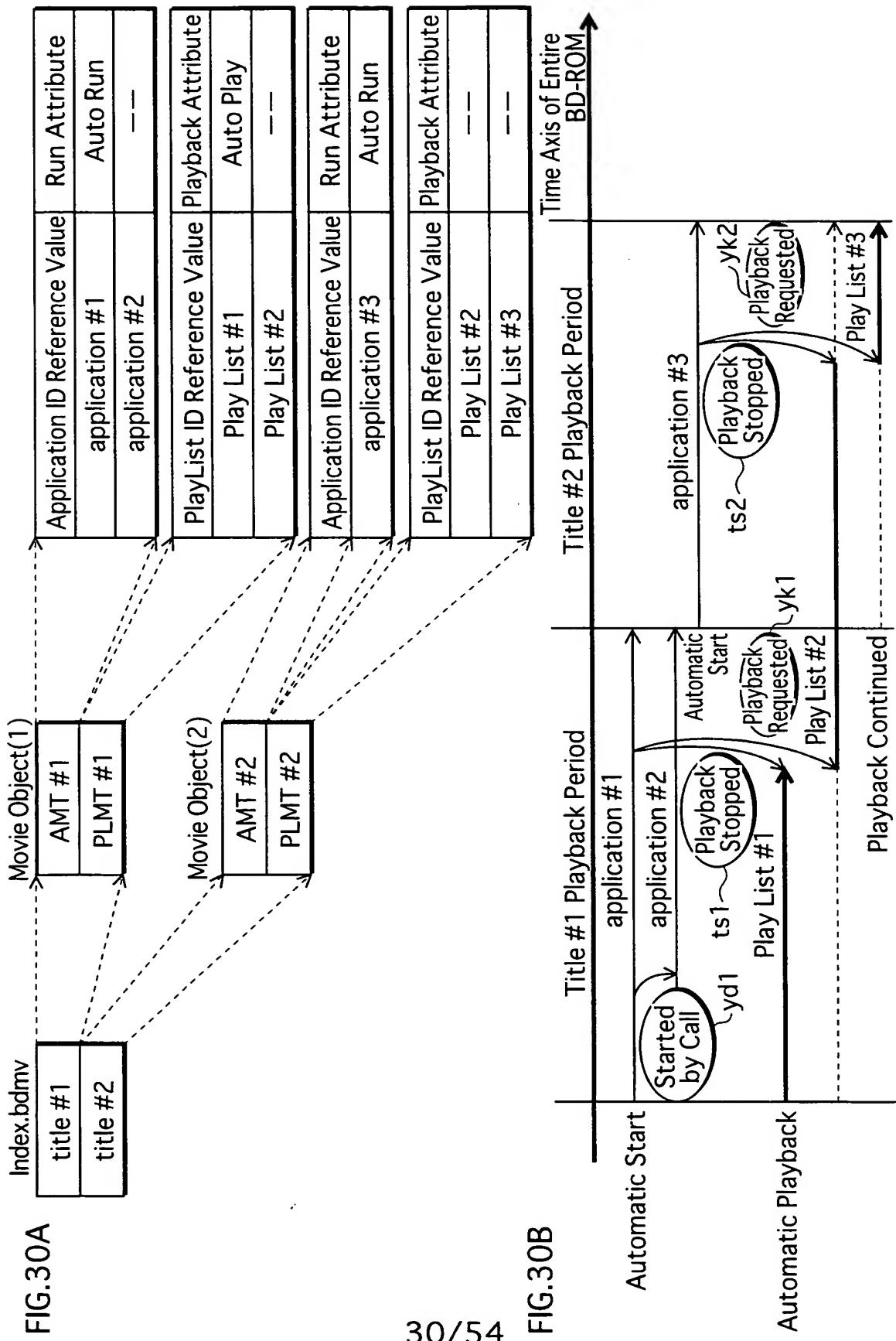


FIG.31A

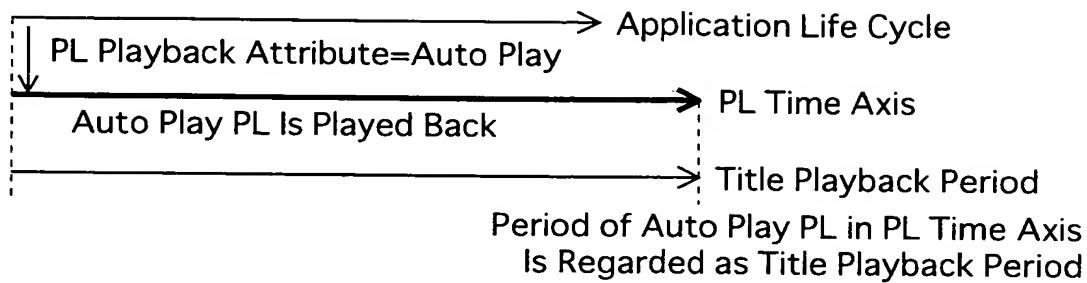


FIG.31B

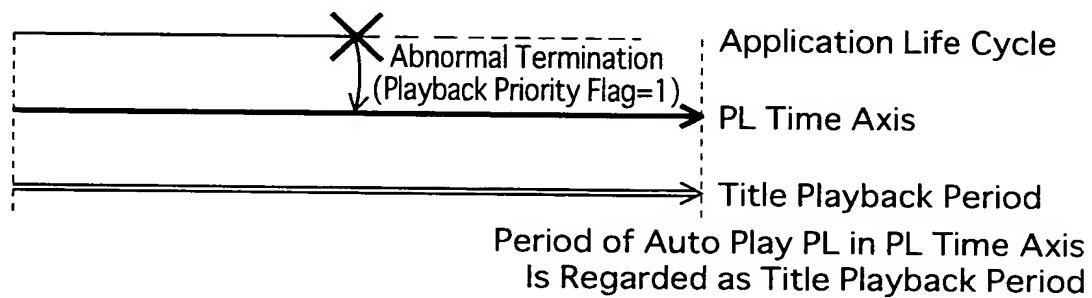
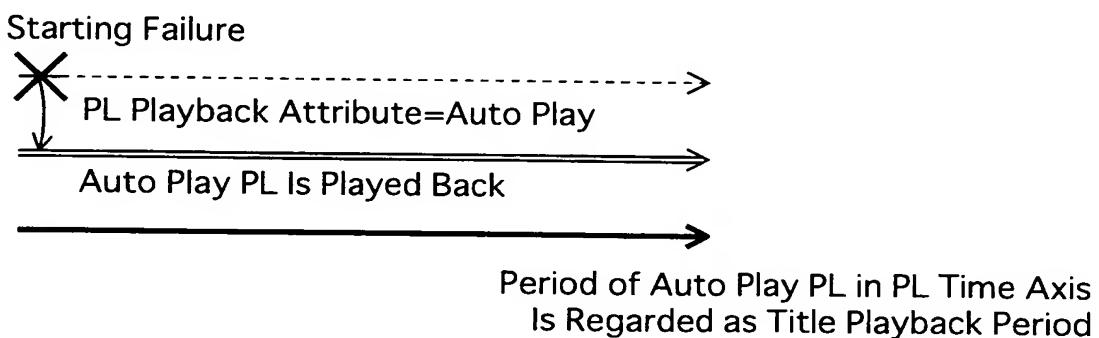


FIG.31C



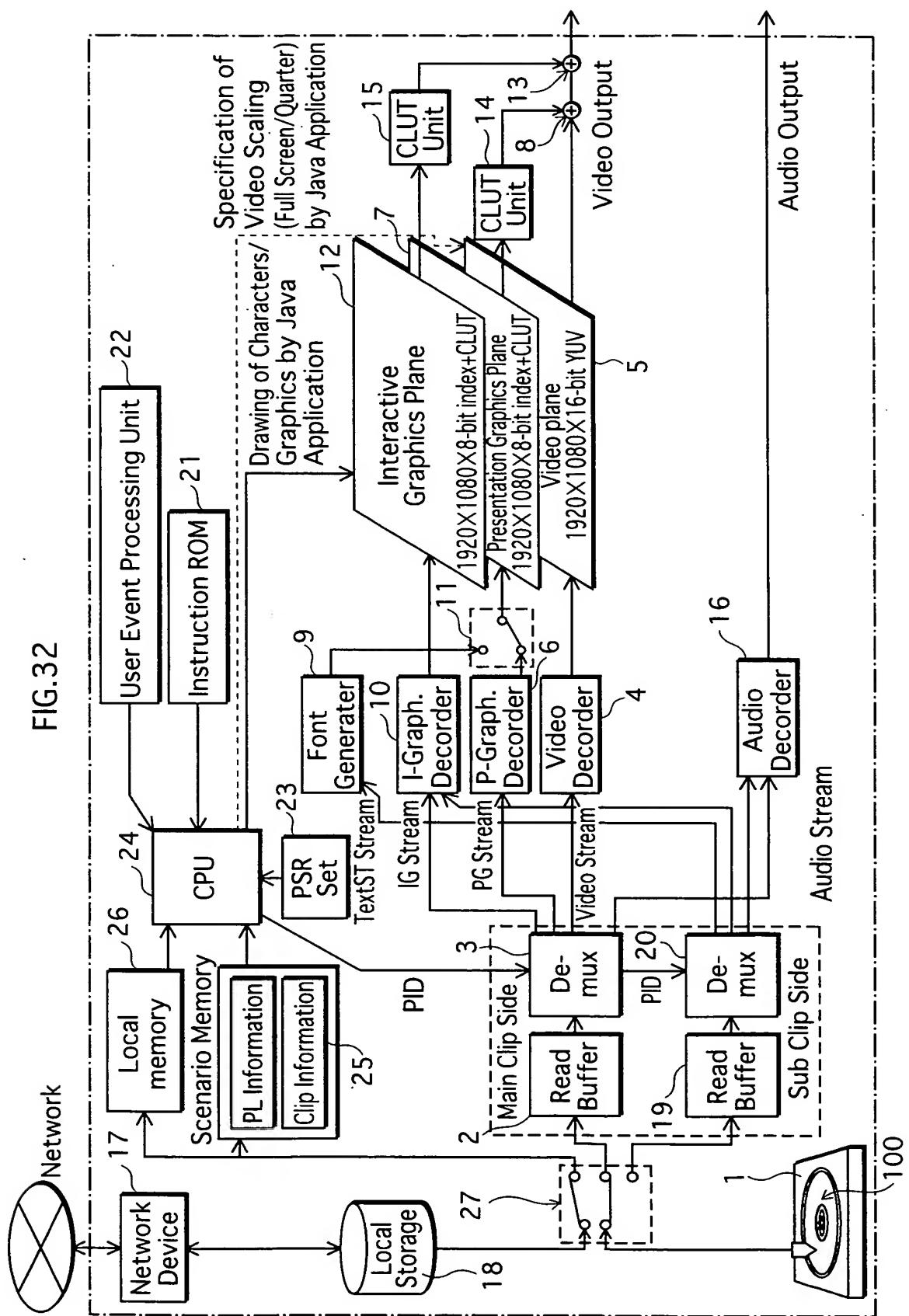


FIG.33

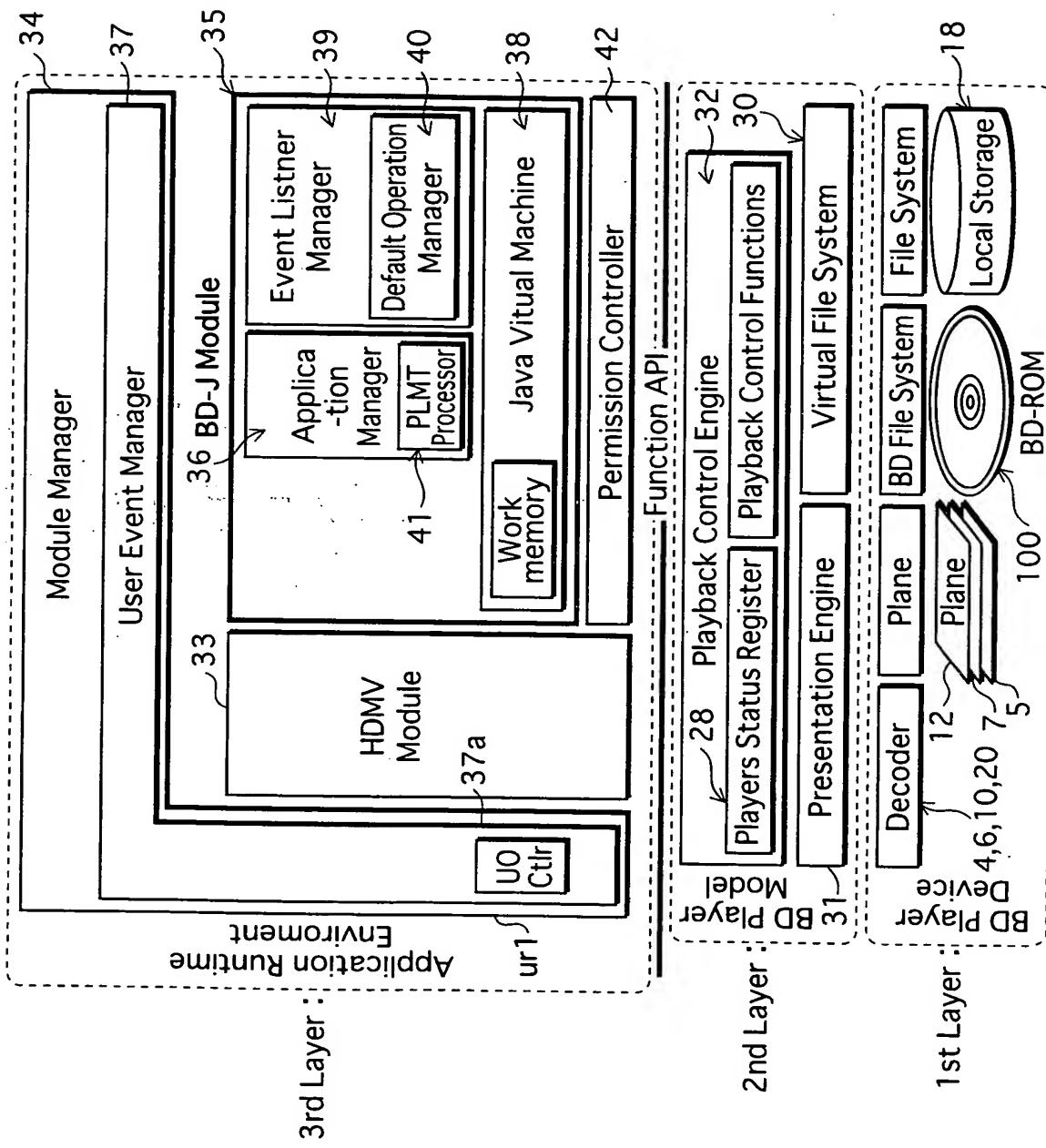


FIG.34

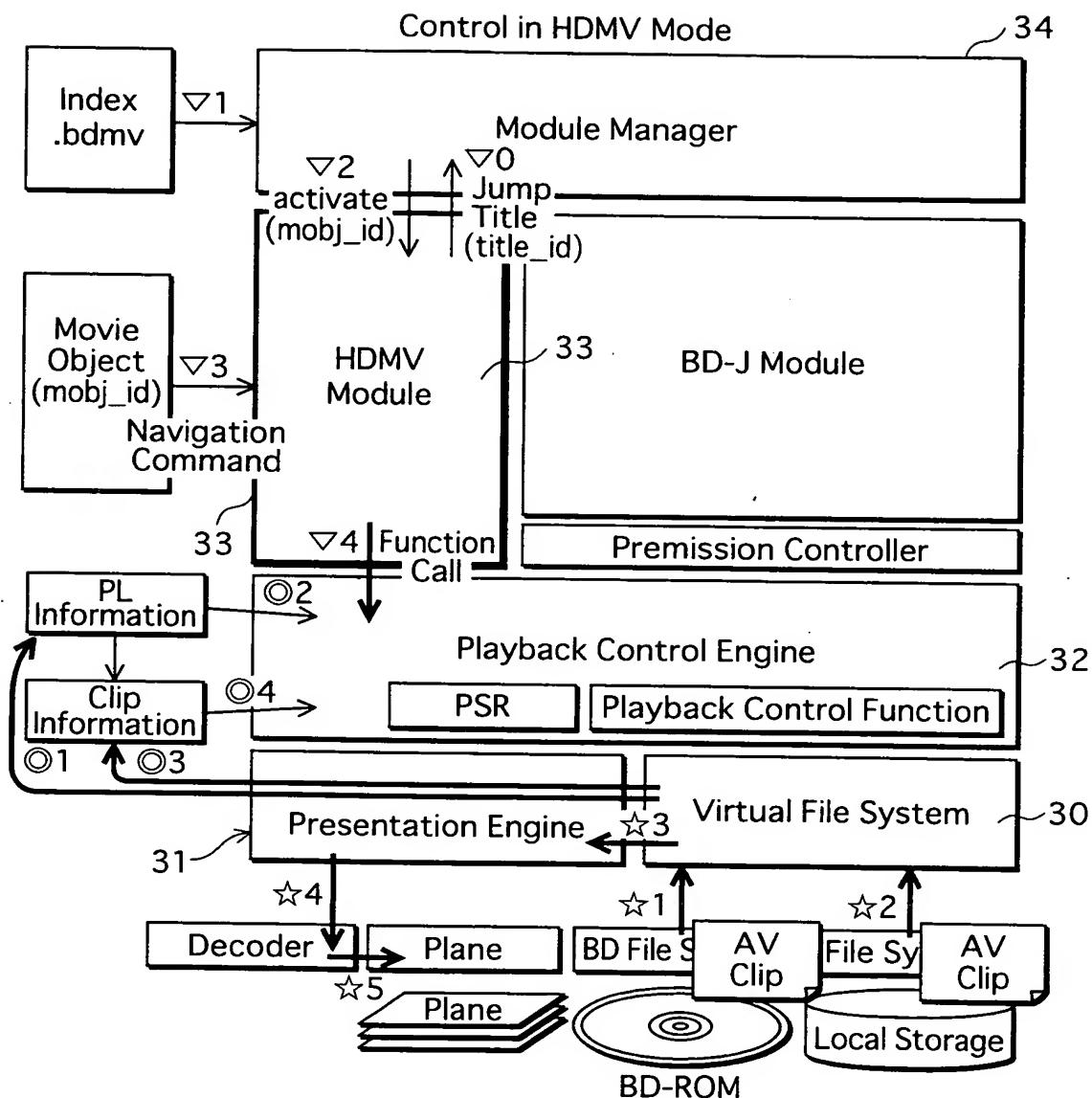


FIG.35

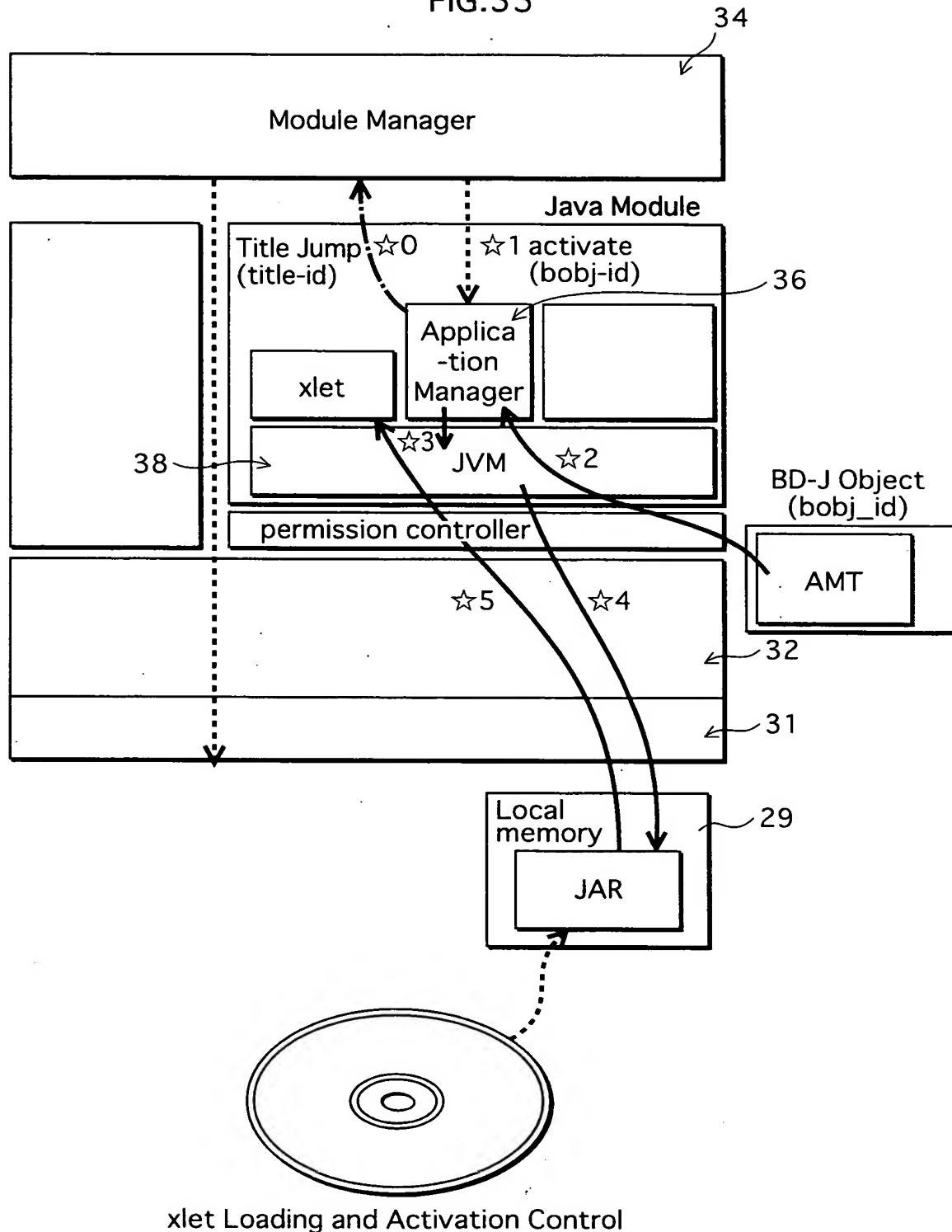
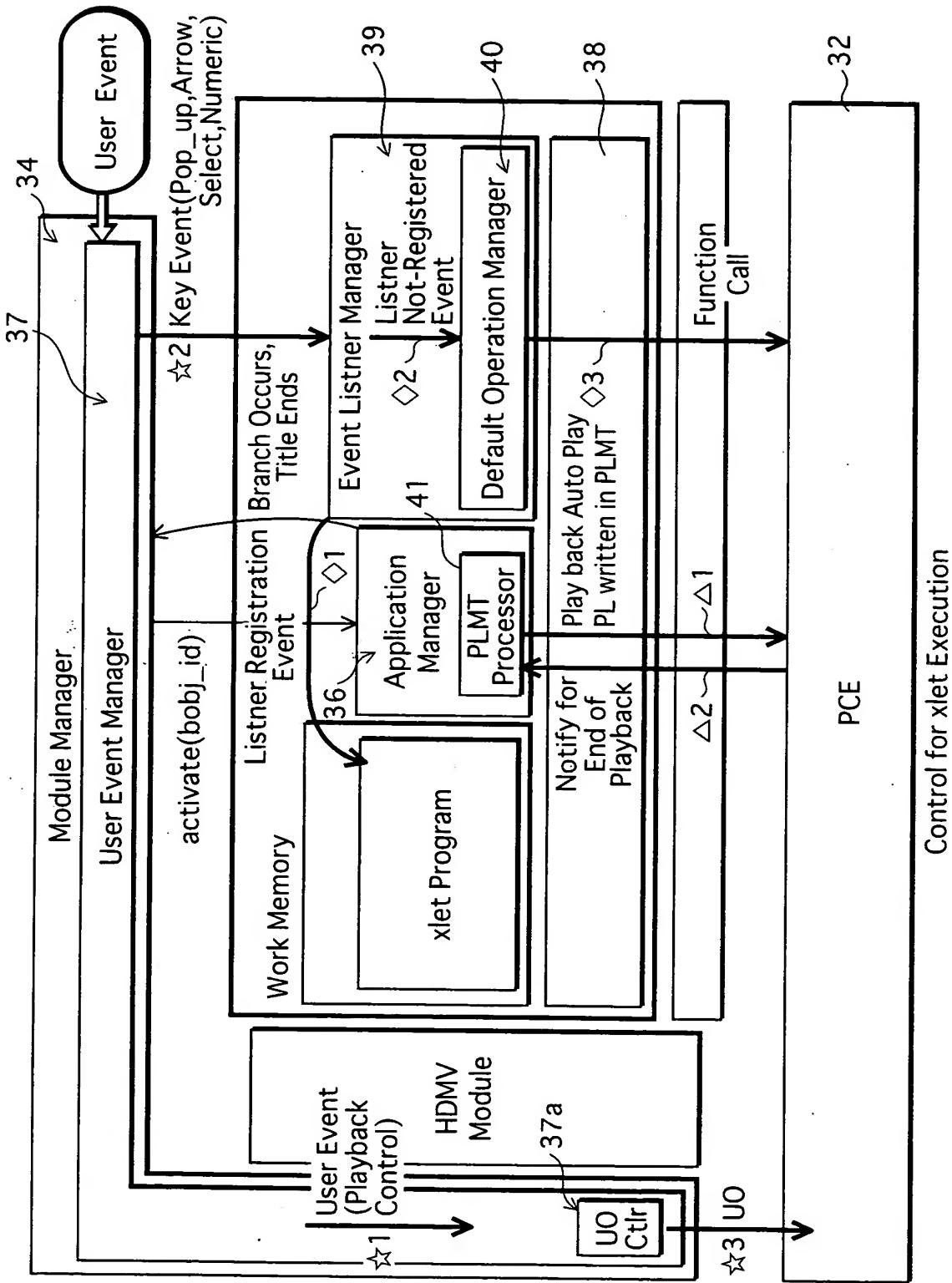


FIG.36



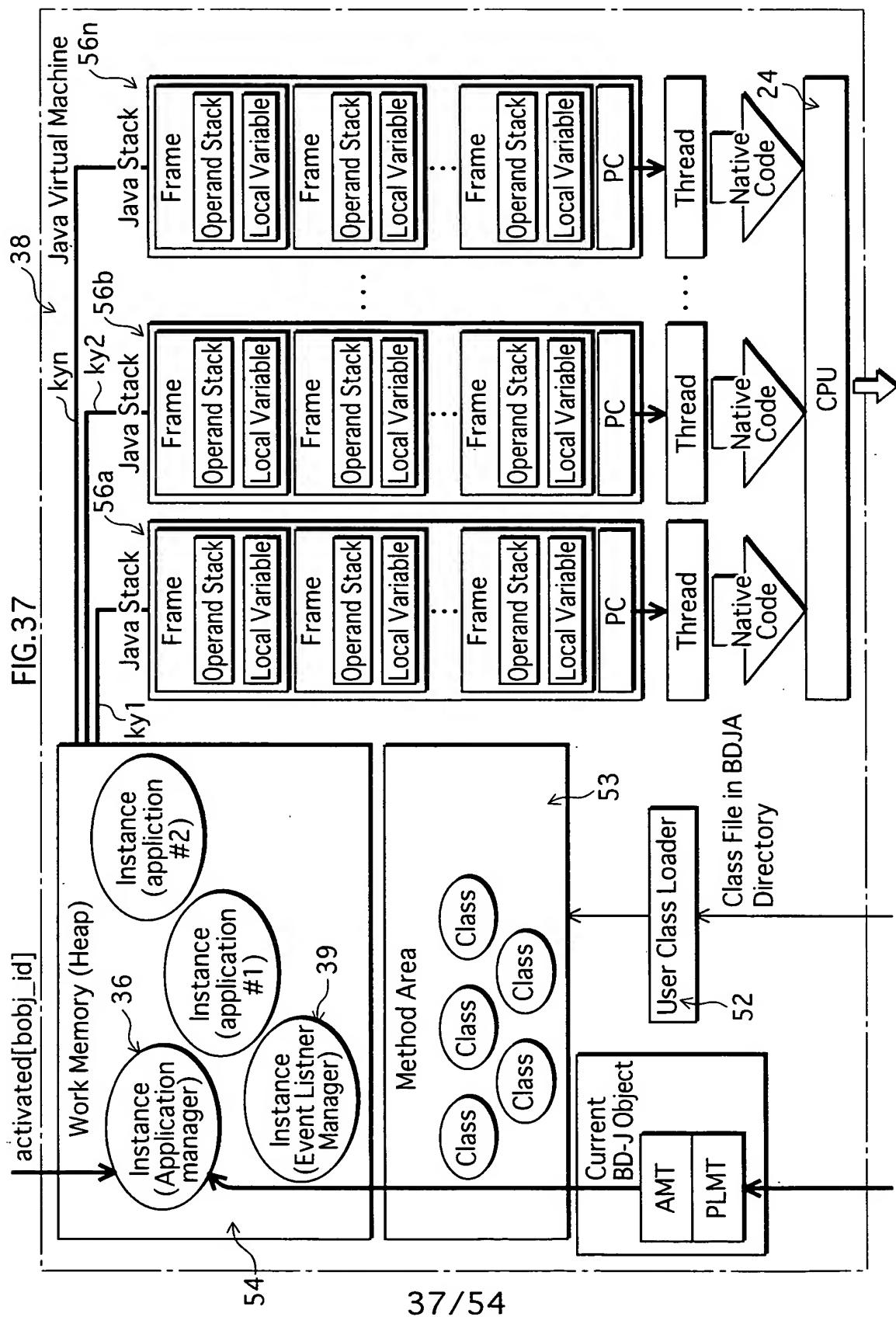


FIG.38

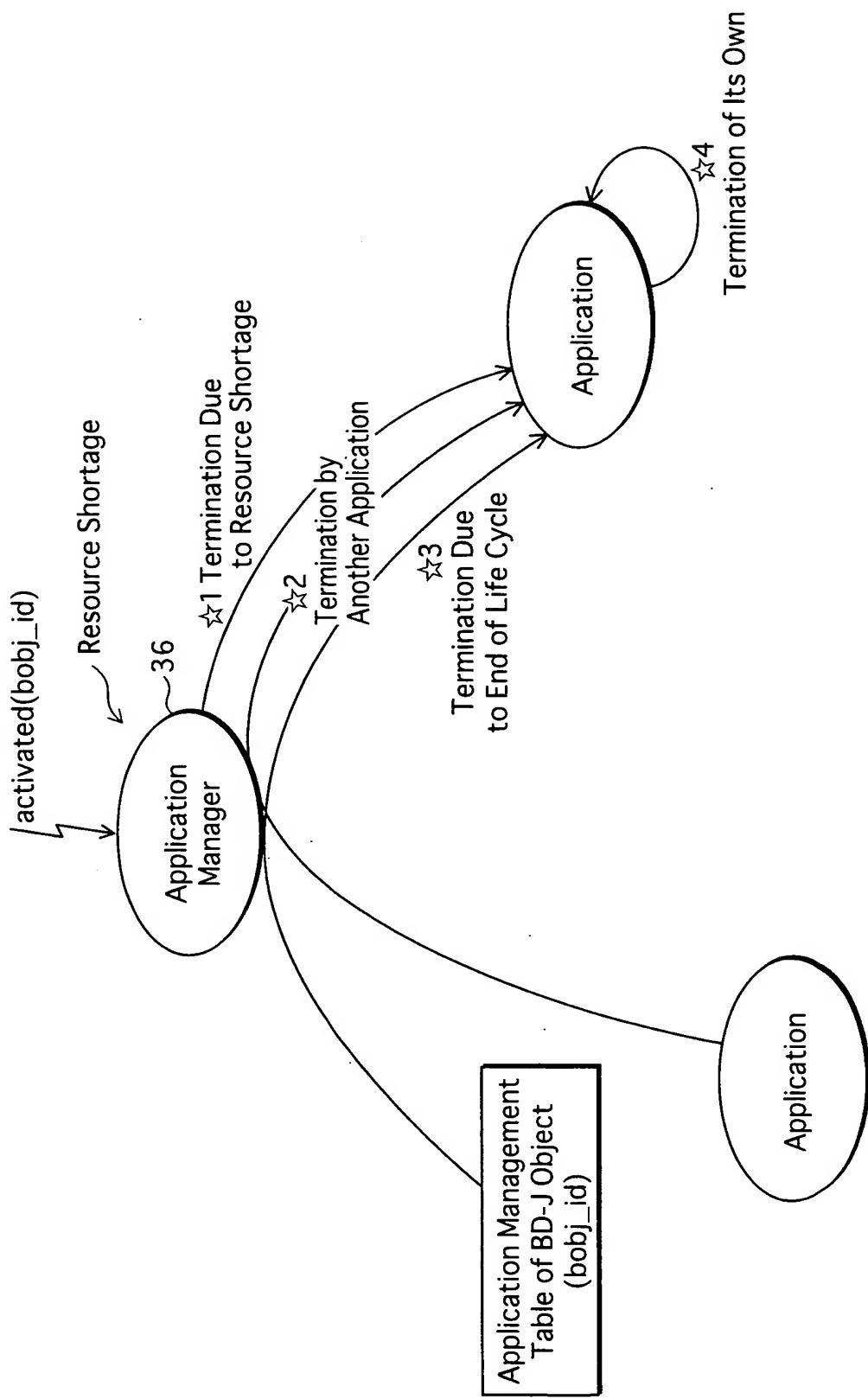


FIG.39

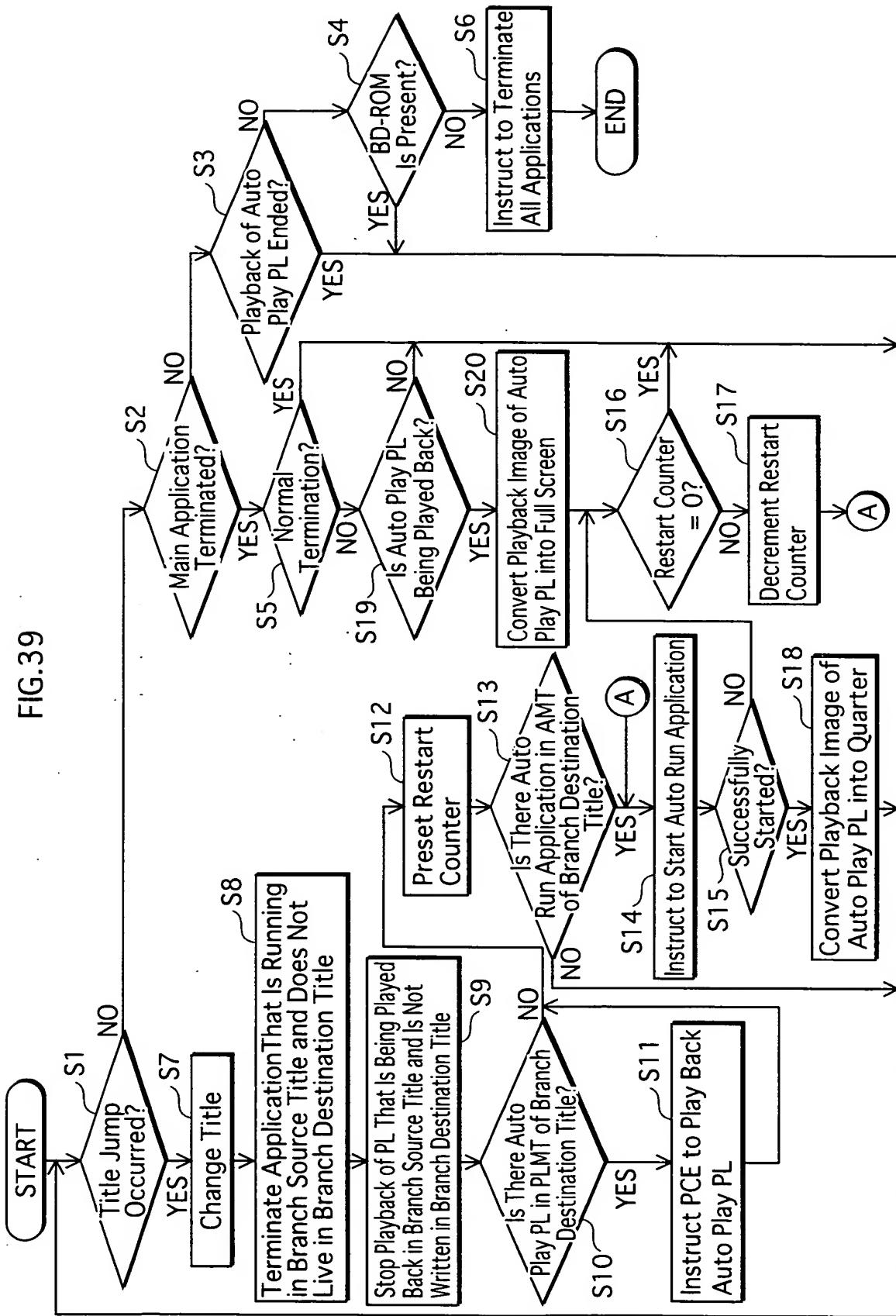


FIG.40

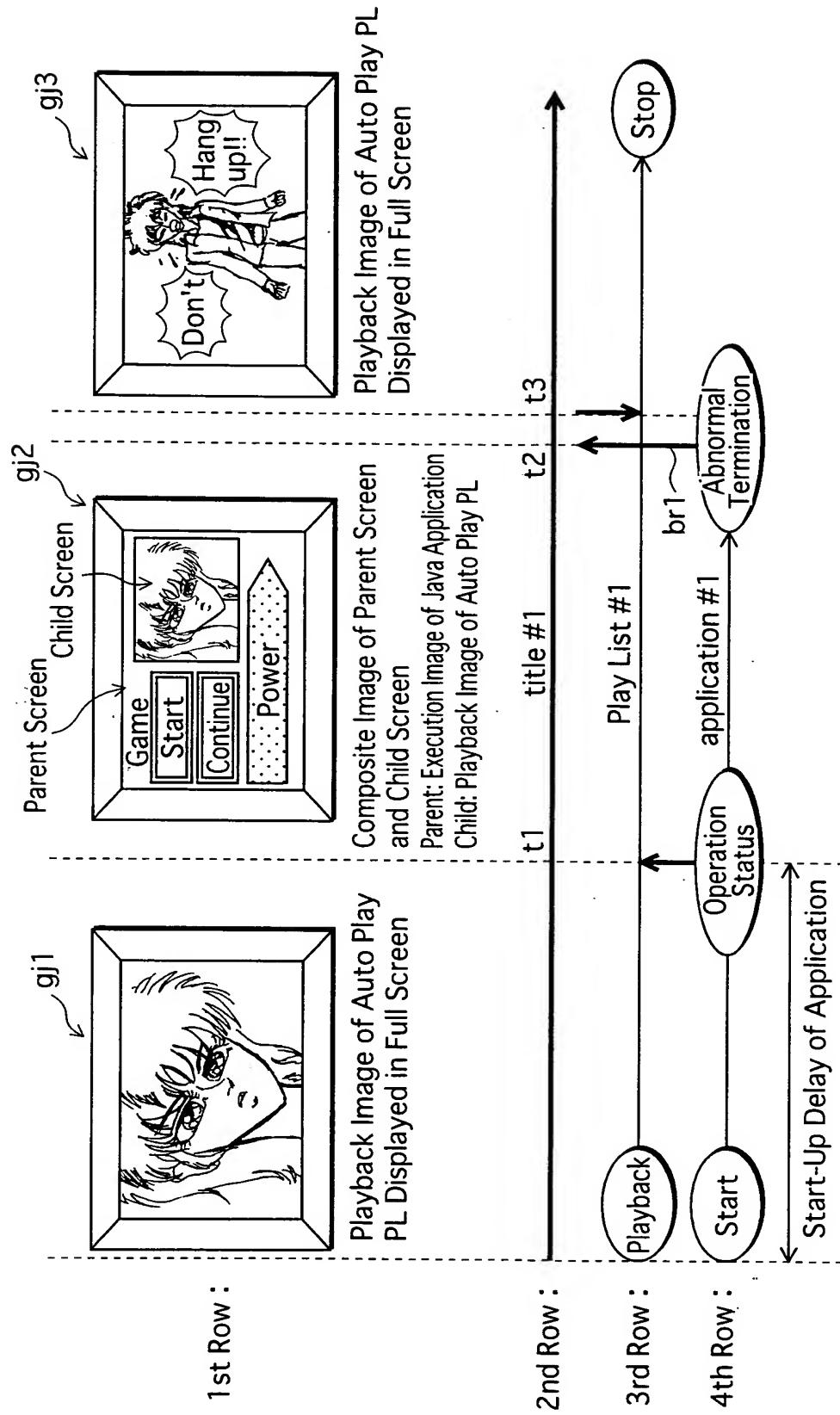


FIG.41 A

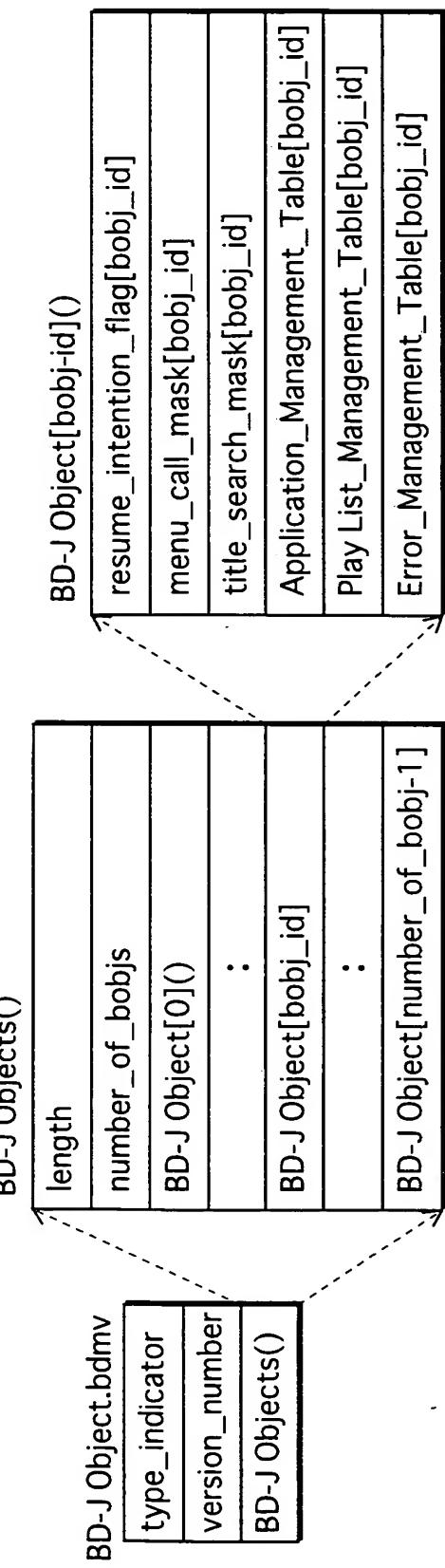


FIG.41 B

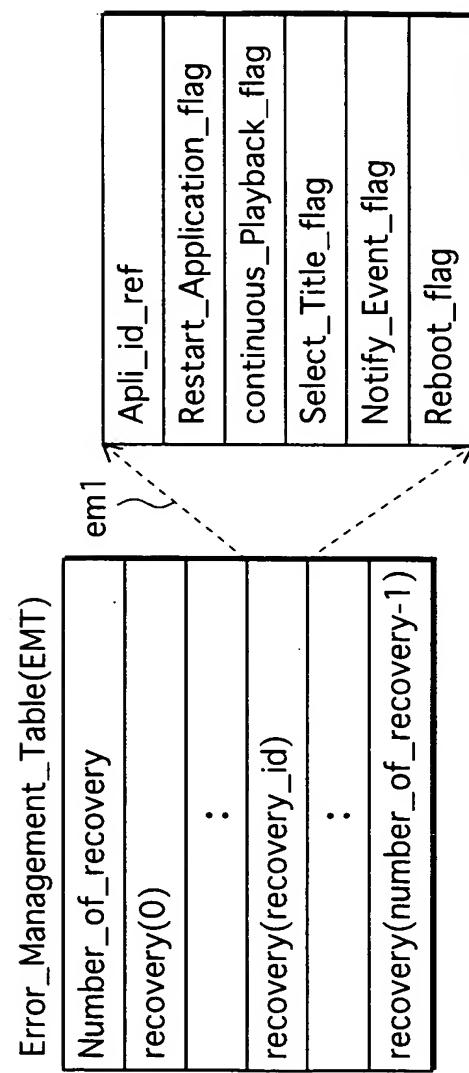
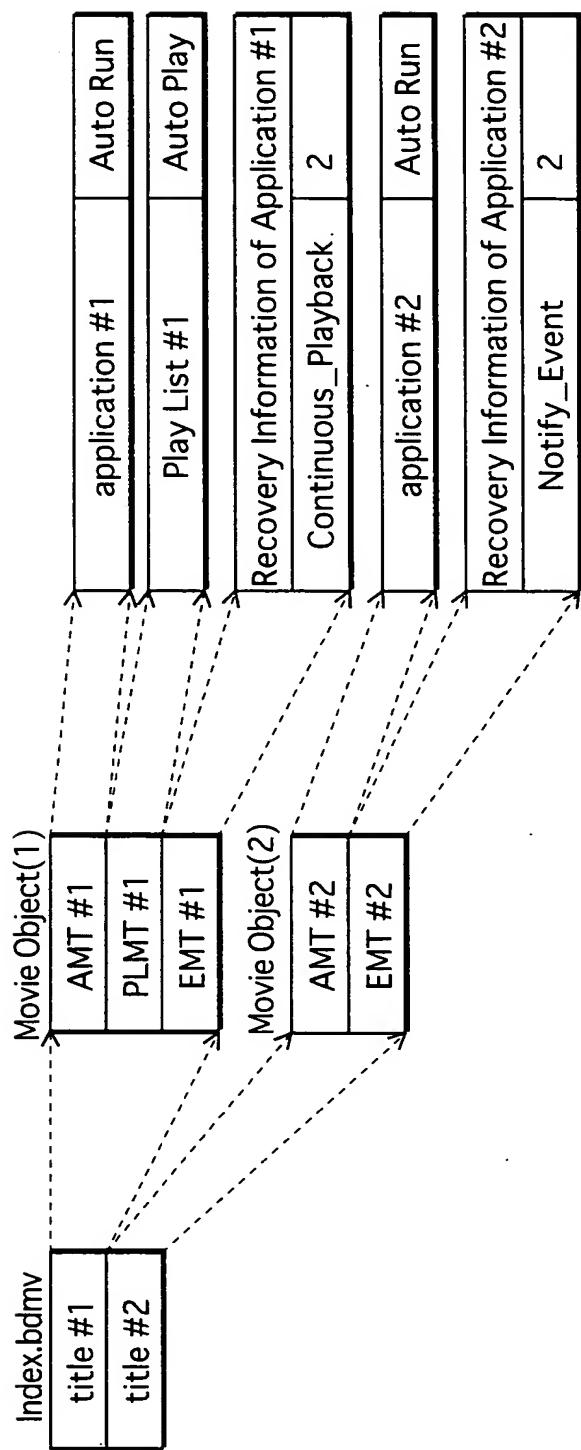


FIG.42

Recovery()	Value	Default
Restart_Application_Flag (Restart Application)	0 : No n : Number of Restarts	0
Continuous_Playback_Flag (Continuous Playback of PlayList)	0 : No 1 : Yes 2 : Full Screen/Normal Speed Playback	0
Select_Title_Flag (Select Title)	0 : No n : Title Number	0
Notify_Event_Flag (Notify Event)	0 : No n : Event Number	1
Reboot_Flag (Reboot System)	0 : No 1 : Yes	0

FIG. 43A



43/54

FIG. 43B

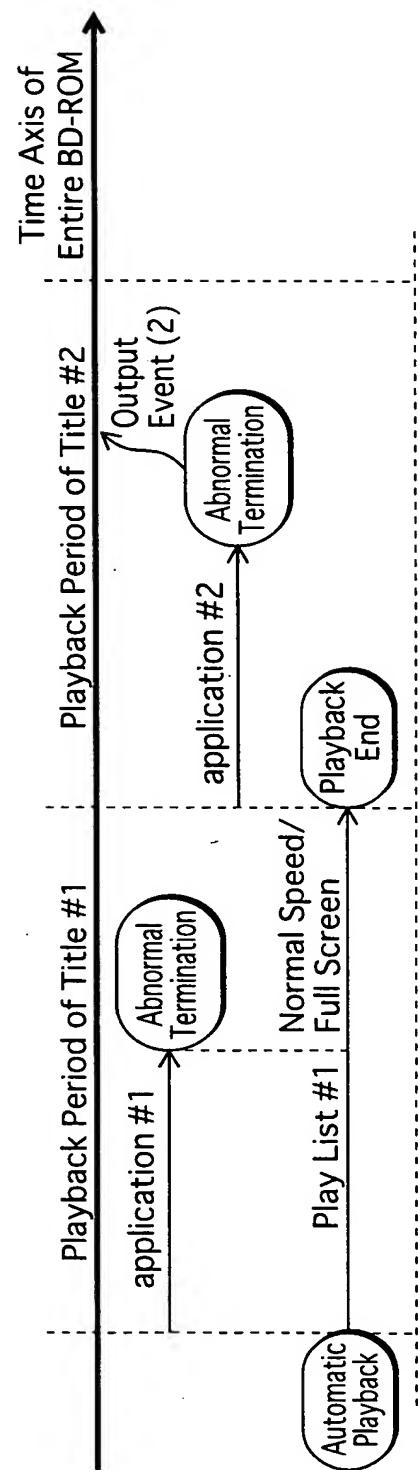


FIG.44

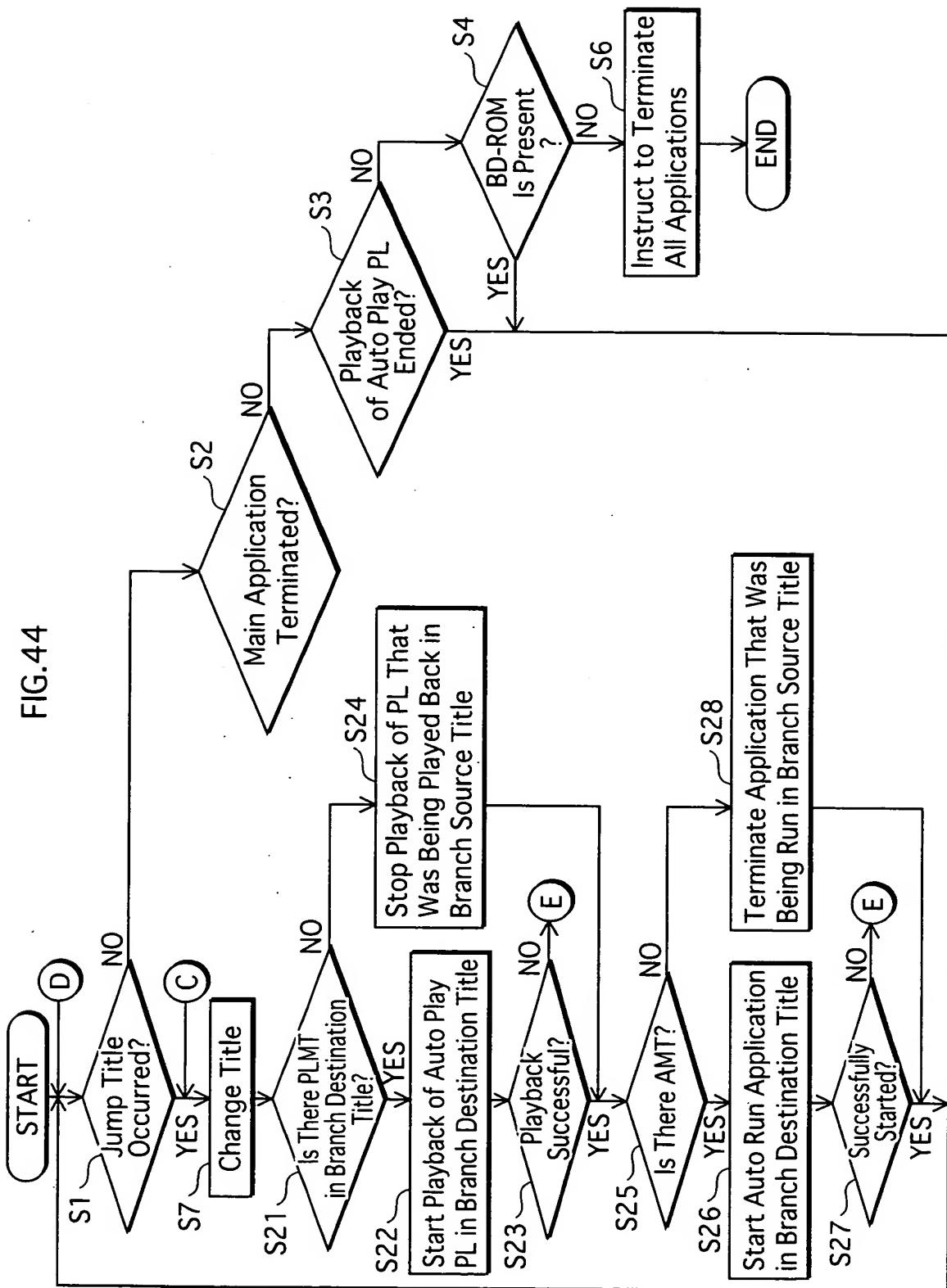


FIG.45

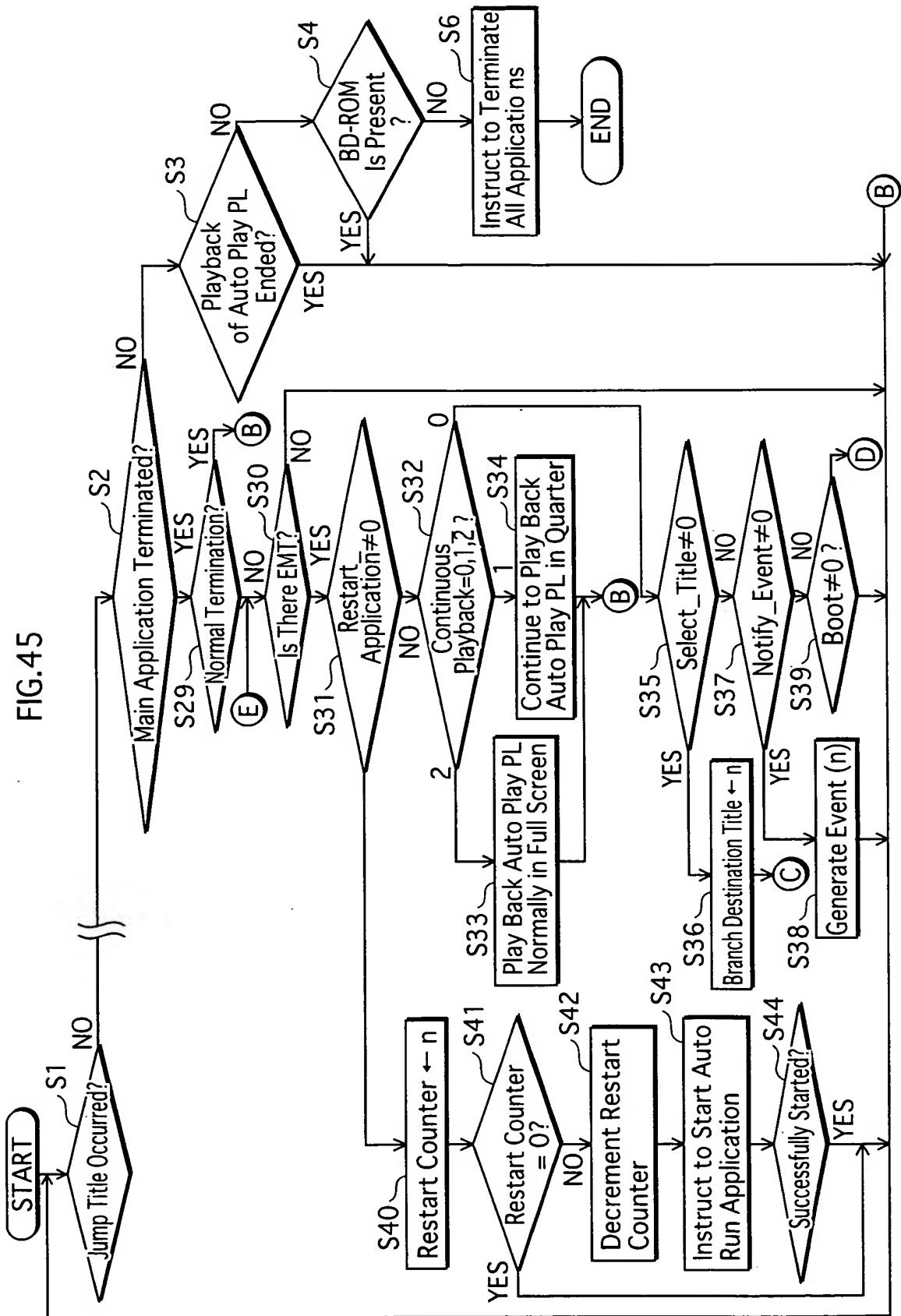


FIG.46

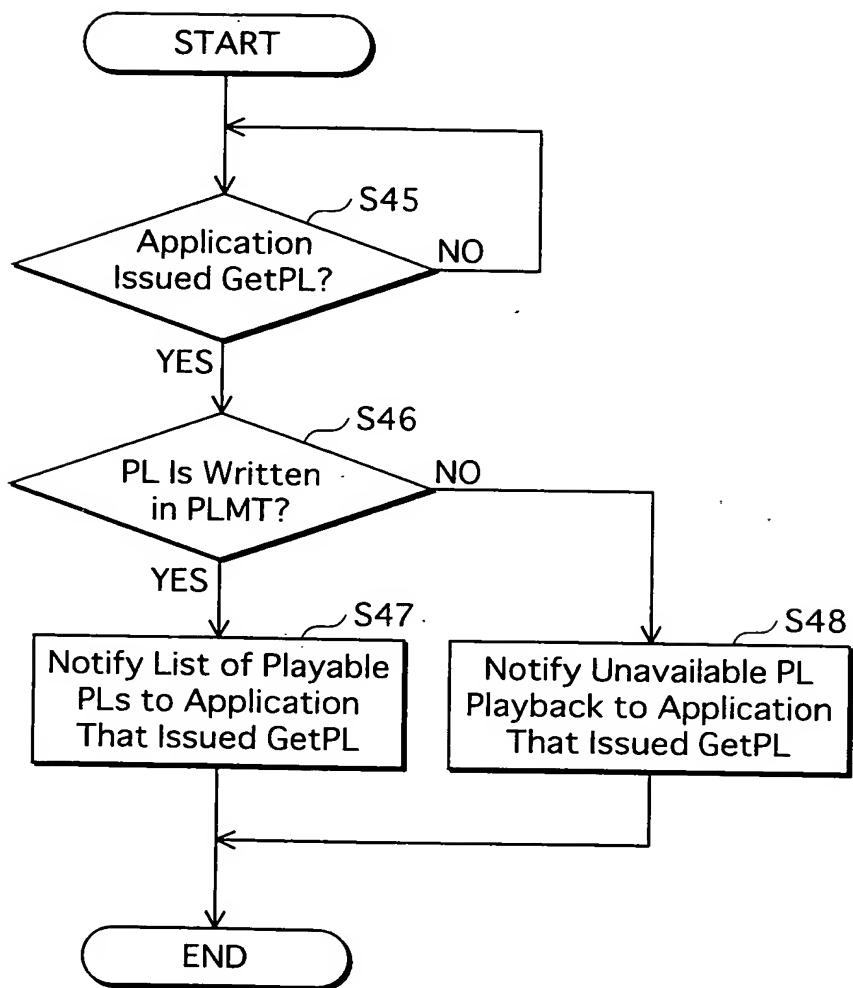


FIG.47

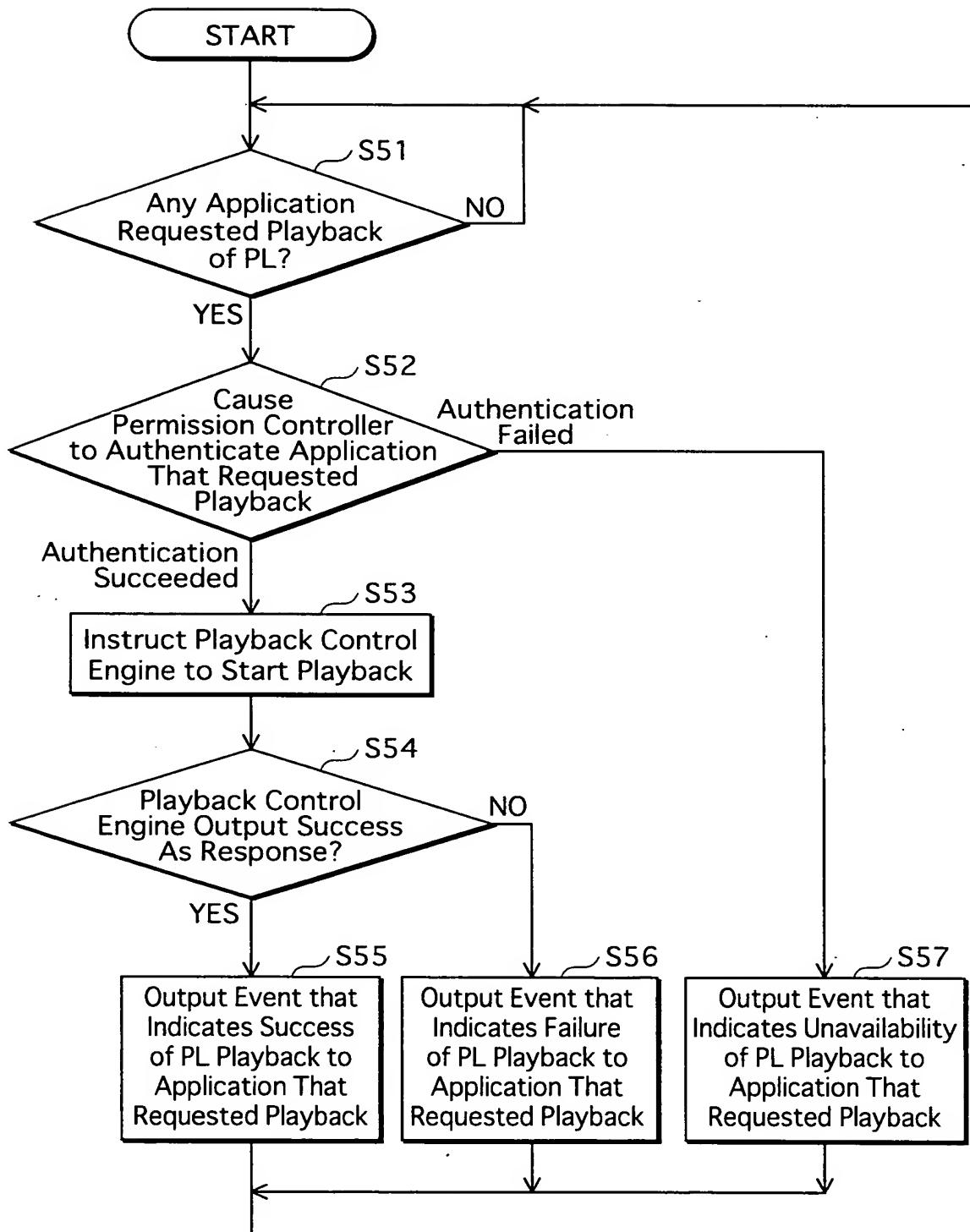


FIG.48A

Selection Algorithm by Parental Level

PSR range	Play List_id_ref
PSR(13)<14	Play List #1
14≤PSR(13)<18	Play List #2
18≤PSR(13)	Play List #3

FIG.48B

Selection Algorithm by Language Code for Audio

PSR range	Play List_id_ref
PSR(16)=English	Play List #1
PSR(16)=Japanese	Play List #2
PSR(16)=others	Play List #3

FIG.48C

Selection Algorithm by Player Configuration for Video

PSR range	Play List_id_ref
PSR(14)=525×60 TV system 4:3 Letter Box	Play List #1
PSR(14)=525×60 TV system 16:9	Play List #2
PSR(14)=1920×1080TV system	Play List #4

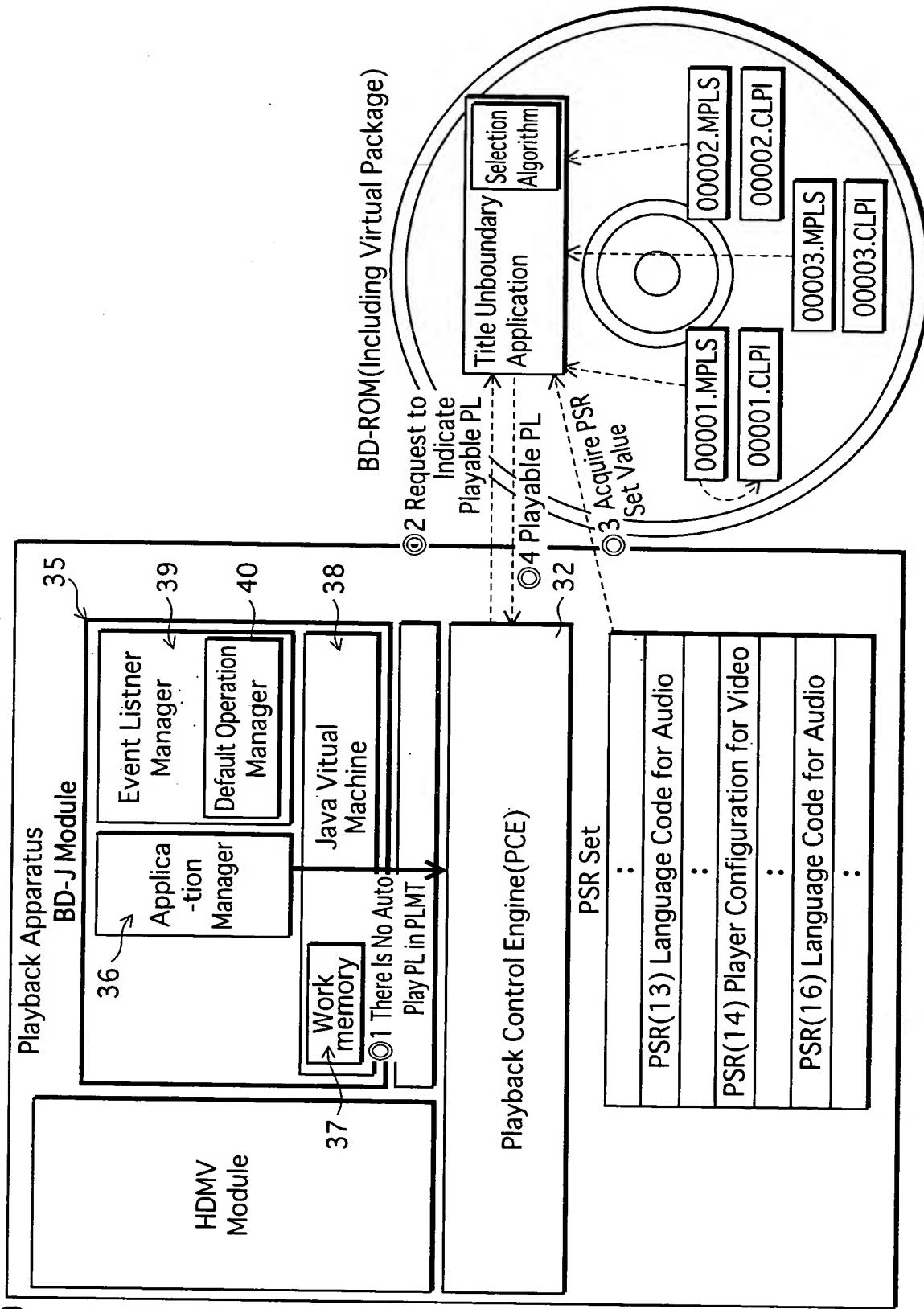


FIG. 49

FIG.50

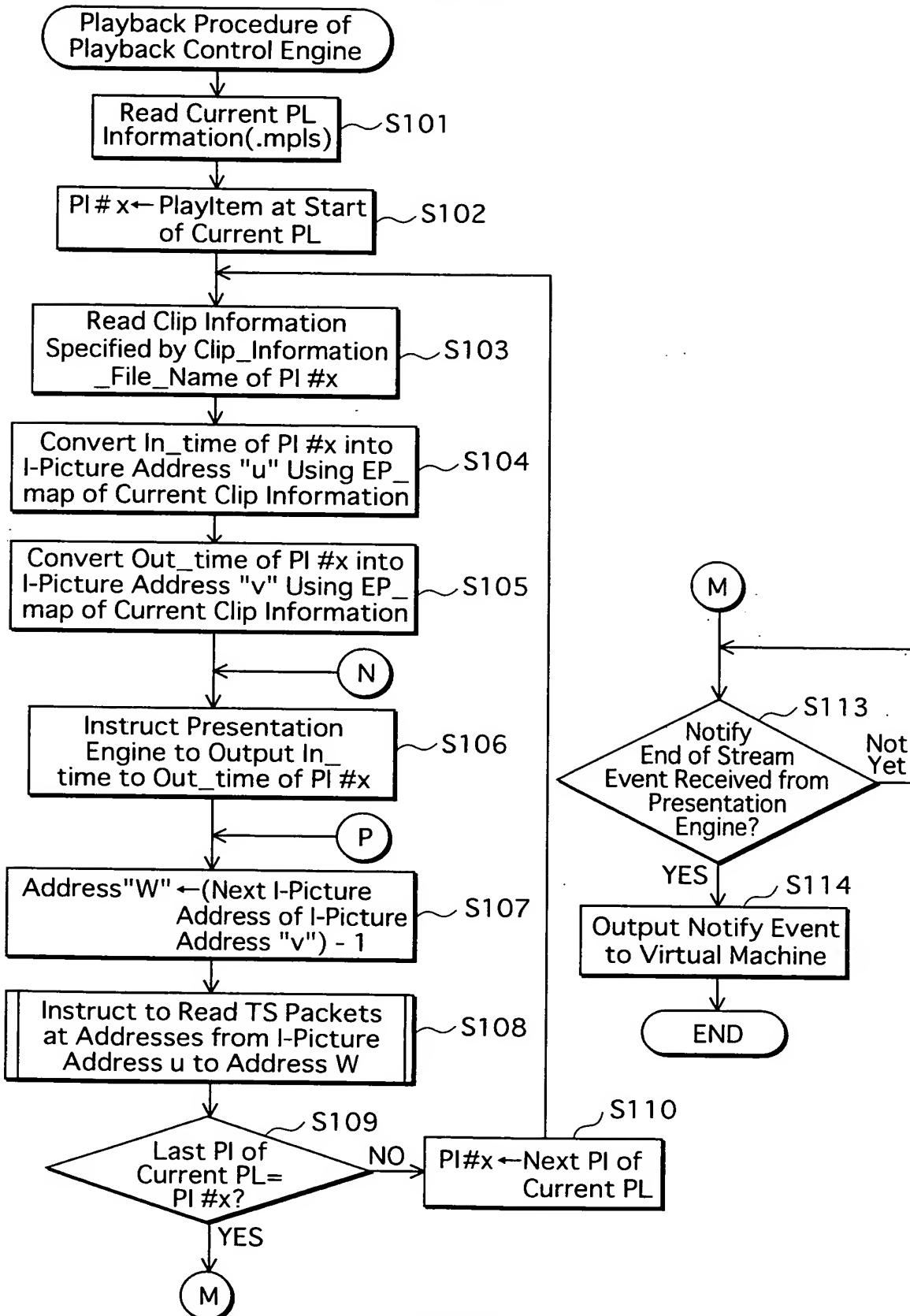


FIG.51

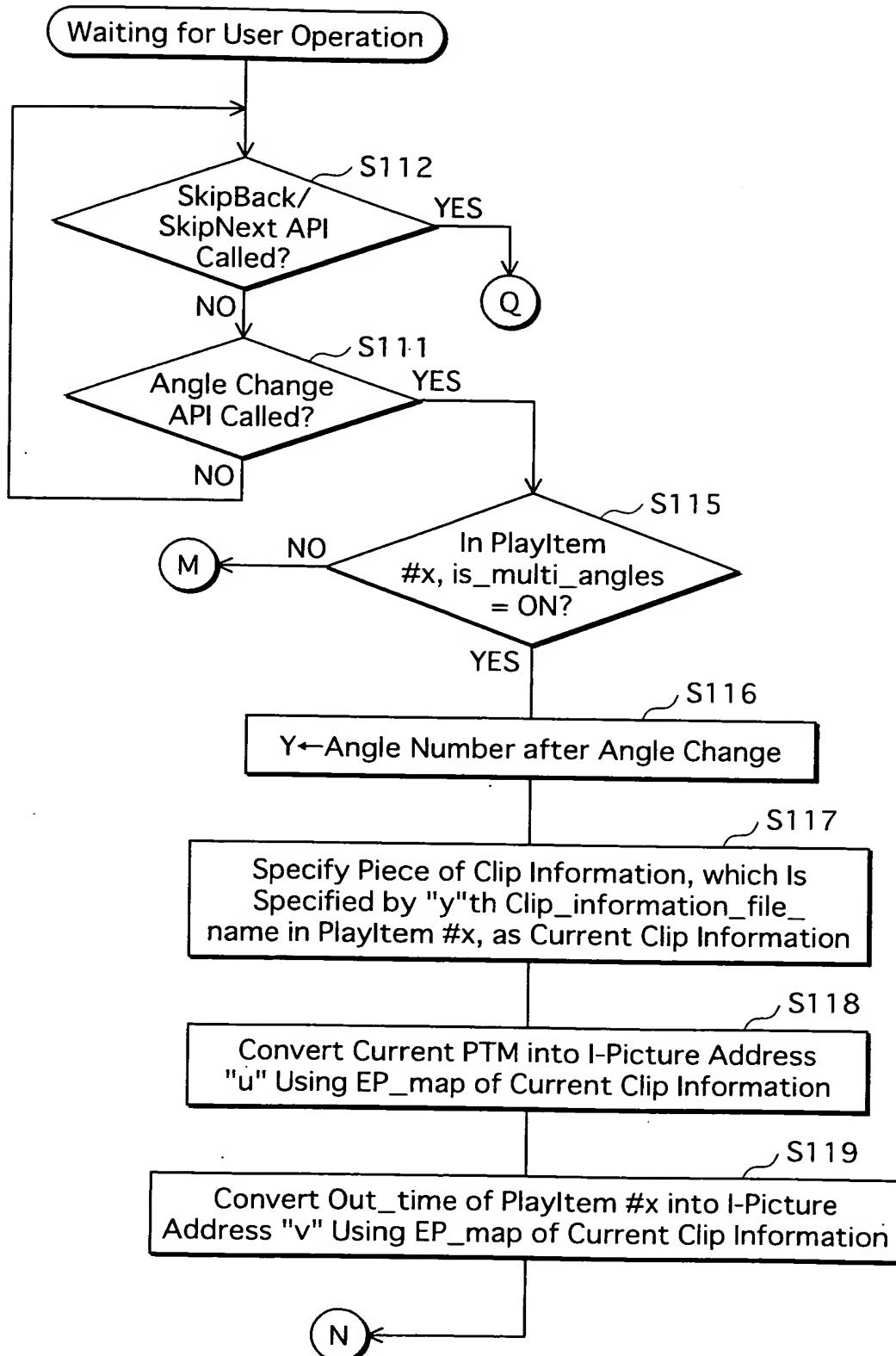


FIG.52

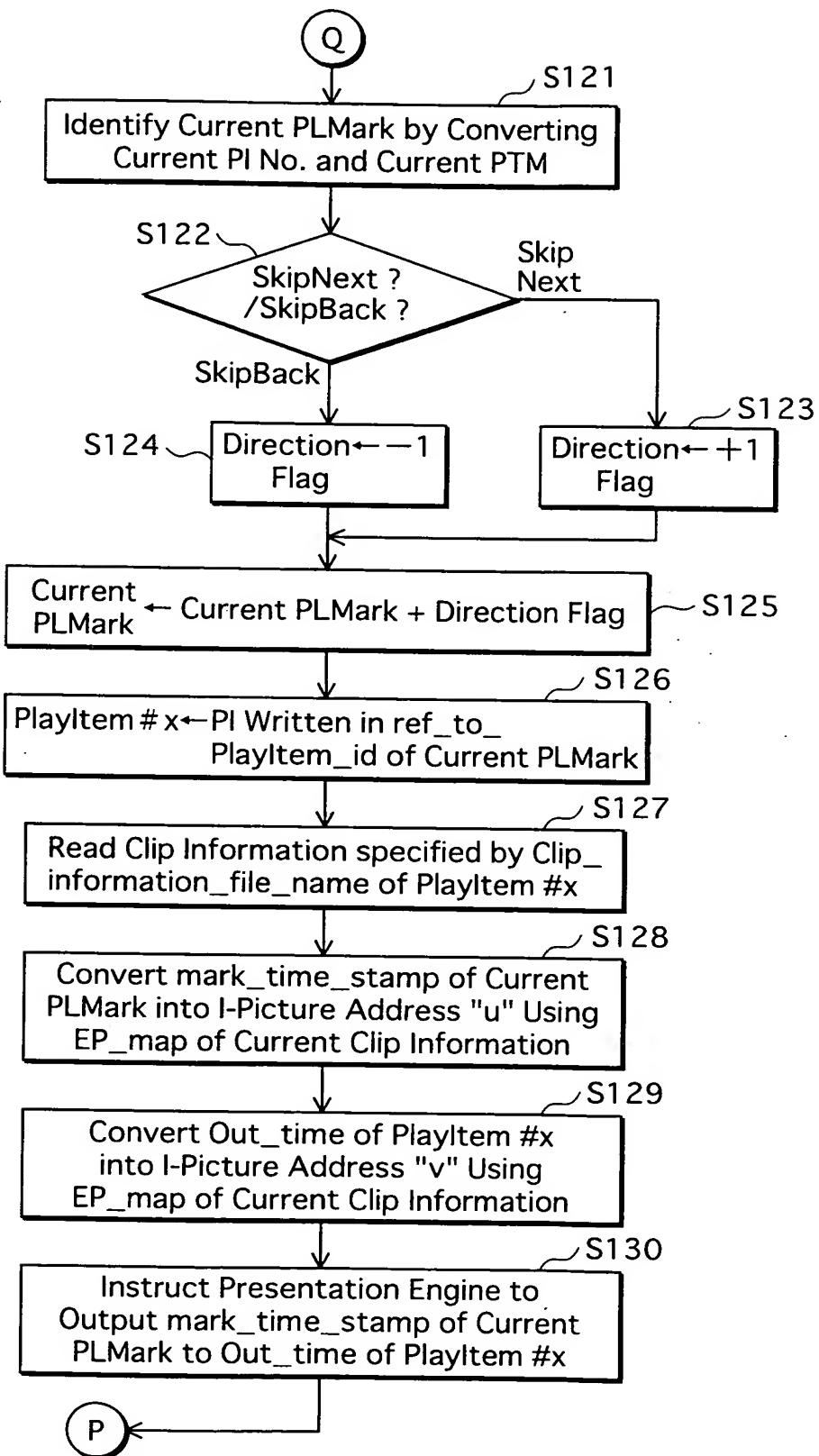


FIG.53

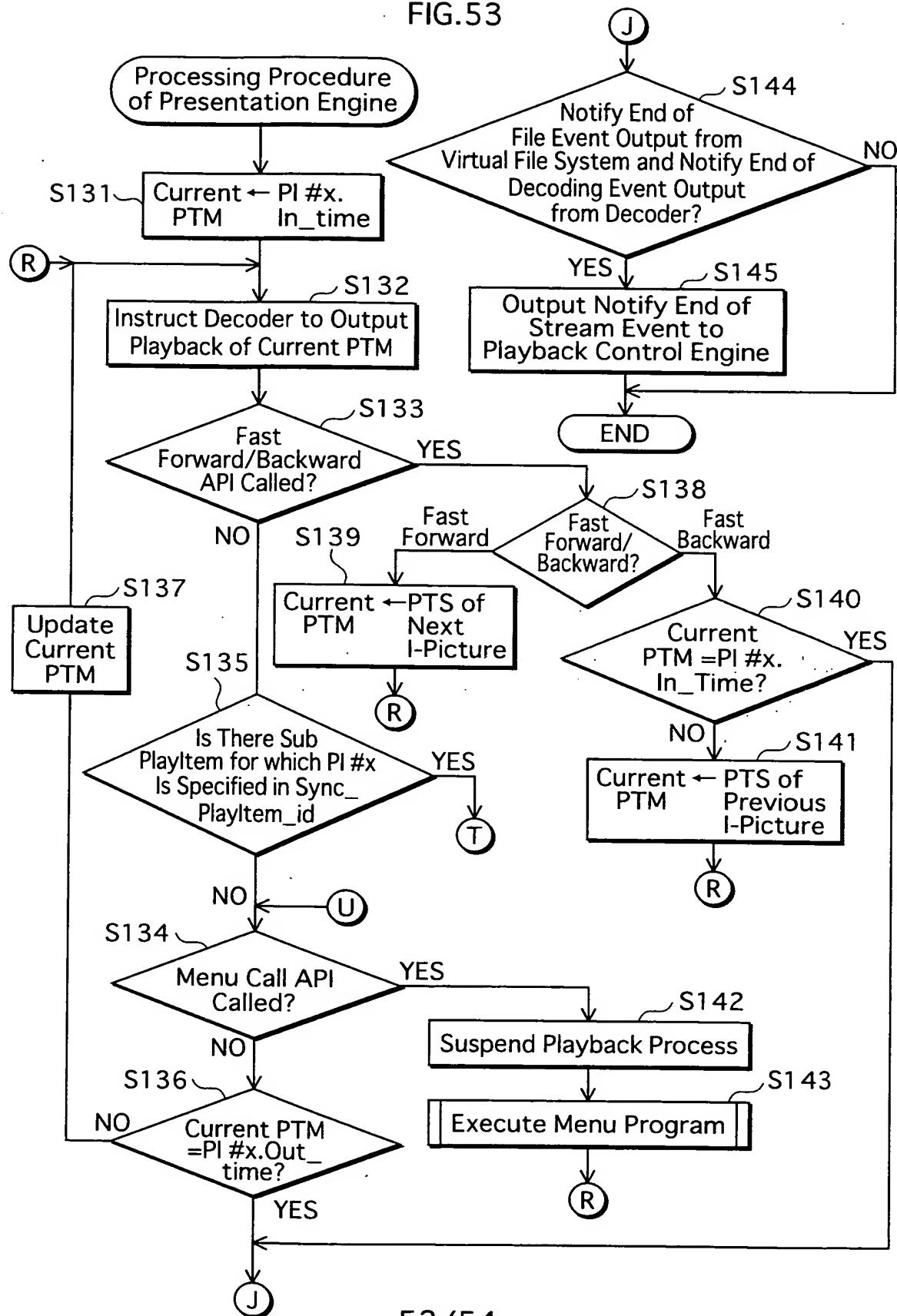


FIG.54

